AUTHOR INDEX FOR VOLUMES 101-140

- ABDOU, IKRAM E.: See Dusaussoy, Nicolas J.: 130:111
- ABHYANKAR, SHREERAM and KULKARNI, DEVADATTA M.: On Hilbertian Ideals: 116:53
- ABOU-KANDIL, H.: See Jódar, L., 121:39
- ADHEMAR, BULTHEEL: See Guo-liang: 137/
- ADKINS, WILLIAM A.: Simultaneous Diagonalization of Matrices Parametrized by a Projective Algebraic Curve, 116:101
- AGLER, JIM, HELTON, J. WILLIAM, McCullough, Scott, and Rodman, Leiba: Positive Semidefinite Matrices with Given Sparsity Pattern, 107:157
- AHARONI, RON and CENSOR, YAIR: Block-Iterative Projection Methods for Parallel Computation of Solutoins to Convex Feasibility Problems. 120:165
- ALBUQUERQUE, H. and LEITE, F. SILVA: On the Generators of Semisimple Lie Algebras, 119:51
- ALON, NOGA, COSARES, STEVEN, HOCHBAUM, DORIT, S. and SHAMIR, RON: An Algorithm for the Detection and Construction of Monge Sequences. 114/115:669
- ALPAY, DANIEL and DYM, HARRY: Structured Invariant Spaces of Vector Valued Rational Functions, Hermitian Matrices, and a Generalization of the Iohvidov Laws, 137/138:137
- ALPAY, DANIEL and DYM, HARRY: Structured Invariant Spaces of Vector Valued Functions, Sesquilinear Forms, and a Generalization of the Iohvidov Laws: 137/ 138:413
- ALVAREZ, MANUEL: See Sansigre, Gabriela: 121:401
- AMEMIYA, YASUO: On the Convergence of the Ordered Roots of a Sequence of Determinantal Equations, 127:531
- AMMAR, GREGORY S. and GRAGG, WILLIAM B.: Numerical Experience with a Superfast Real Toeplitz Solver, 121:185
- ANDERSON, B.D.O. and ANTOULAS, A.C.: Rational Interpolation and State-Variable Realizations, 137/138:479
- ANDERSON, B.D.O.: See Antoulas, A.C.: 122/

- 123/124:301
- ANDERSON, JR., WILLIAM N. and TRAPP, GEORGE E.: The Extreme Points of a Set of Positive Semidefinite Operators, 106:209
- ANDERSON, W.N., JR., MORLEY T.D., and TRAPP, G.E.: Positive Solutions to $X = A(141)BX \cdot IB^*$, 134:53
- ANDERSSON, STEEN A. and PERLMAN, MICHAEL D.: Group-Invariant Analogues of Hadamard's Inequality, 110:91
- Ando, T.: Majorization, Doubly Stochastic Matrices, and Comparison of Eigenvalues, 118:163
- Antoulas, A.C. and Anderson, B.D.O.: On the Problem of Stable Rational Interpolation, 122/123/124:301
- ANTOULAS, A.C., BALL, J., KANG, J. and WILLEMS, J.C.: On the Solution of the Minimal Rational Interpolation Problem, 137/138-511
- ANTOULAS, A.C.: See Anderson, B.D.O.: 137/138:479
- ANTOULAS, A.C.: Rational Interpolation and the Euclidean Algorithm, 108:157
- ARBENZ, PETER, GANDER, WALTER, and GOLUB, GENE H.: Restricted Rank Modification of the Symmetric Eigenvalue Problem: Theoretical Considerations, 104:75
- ARSENE, GR., CEAUŞESCU, ZOIA, and CON-STANTINESCU, T.: Schur Analysis of Some Completion Problems, 109:1
- ASHBAUGH, MARK S. and BENGURIA, RAFAEL D.: Some Eigenvalue Inequalities for a Class of Jacobi Matrices, 136:215
- ATALLA, ROBERT E.: Saturated Sets of Probability Measures and Stochastic Matrices, 112:207
- AUPETIT, BERNARD and ZEMÁNEK, JAROSLAV: A Characterization of Normal Matrices by Their Exponentials, 132:119
- AVISHAI, Y.: See Livsic, M.S.: 122/123/124:357
- BAI, ZHAOJUN: Note on the Quadratic Convergence of Kogbetliantz's Algorithm for Computing the Singular Value Decomposition, 104:203

- Balance and Treatment Permutations, 127:183
- BAKSALARY, JERZY K. and PUNTANEN, SIMO: Characterizations of the Best Linear Unbiased Estimator in the General Gauss-Markov Model with the Use of Matrix Partial Orderings: 127:363
- BAKSALARY, JERZY K. and MARKIEWICZ, AUGUSTYN: A Matrix Inequality and Admissibility of Linear Estimators with Respect to the Mean Square Error Matrix Criterion, 112:9
- BAKSALARY, JERZY K. and PORDZIK, PAWEL R.:
 A Note on Comparing the Unrestricted
 and Restricted Least-Squares Estimators, 127:371
- BAKSALARY, JERZY K. and HAUKE JAN: A Further Algebraic Version of Cochran's Theorem and Matrix Partial Orderings, 127:157
- BAKSALARY, JERZY K. and NORDSTRÖM, KENNETH and STYAN, GEORGE P.H.: Löwner-Ordering Antitonicity of Generalized Inverses of Hermitian Matrices, 127:171
- BAKSALARY, JERZY K. and MATHEW, THOMAS: Rank Invariance Criterion and Its Application to the Unified Theory of Least Squares, 127:393
- BAKSALARY, JERZY K., PUKELSHEIM, FRIED-RICH, and STYAN, GEORGE P.H.: Some Properties of Matrix Partial Orderings, 119:57
- BALASUBRAMANIAN, K.: On Transversals in Latin Squares, 131:125
- BALL, J.: See Antoulas, A.C.: 137/138:511
- BALL, JOSEPH A. and KANG, JEONGOOK: Matrix Polynomial Solutions of Tangential Lagrange-Sylvester Interpolation Conditions of Low McMillan Degree, 137/ 138.699
- BALL, JOSEPH A. and RAKOWSKI, MAREK: Minimal McMillan Degree Rational Matrix Functions with Prescribed Local Zero-Pole Structure: 137/138:325
- Ball, Joseph A., Gohberg, Israel, and Rodman, Leiba: Common Minimal Multiples and Divisors for Rational Matrix Functions, 137/138:621
- BAPAT, R.B. and RACHAVEN, T.E.S.: An

- Extension of a Theorem of Darroch and Ratcliff in Loglinear Models and Its Application to Scaling Multidimensional Matrices, 114/115:705
- BAPAT, R.B., RAO, K.P.S. BHASKARA and PRASAD, K. MANJUNATHA, Generalized Inverses over Integral Domains, 140:181
- BAPAT, R.B.: Mix Discriminants of Positive Semidefinte Matrices: 126:107
- BAPAT R.B.: Permanents in Probability and Statistics, 127:3
- BARGANĀ, ITZIAR: Interlacing Inequalities for Regular Pencils, 121:521
- BARKER, G.P., CONNER, JR., L.T., and STAN-FORD, D.P.: Complete Controllability and Contractibility in Multimodal Systems, 110:55
- BARKER, GEORGE PHILLIP: Automorphism Groups of Algebras of Triangular Matrices. 121:207
- BARNES, EARL R.: Circular Discs Containing Eigenvalues of Normal Matrices, 114/ 115:501
- BARRAA, MOHAMED and CHARLES, BERNARD: Sur l'Orbite d'un Espace de Banach sous l'Action du Commutant d'un Operateur Nilpotent: 135:67
- BARRETT, WAYNE W., FORCADE, RODNEY W., and POLLINGTON, ANDREW D.: On the Spectrial Radius of a (0,1) Matrix Related to Mertens' Function. 107:207
- BARRETT, WAYNE W., JOHNSON, CHARLES R., and LUNDQUIST, MICHAEL: Determinantal Formulae for Matrix Completions Associated with Chordal Graphs, 121:265
- BARRETT, WAYNE W.: See Robinson, Donald W.: 112:57
- BART, H. and HOOGLAND, H.: Complementary Triangular Forms of Pairs of Matrices, Realizations with Prescribed Main Matrices, and Complete Factorization of Rational Matrix Functions, 103:193
- Bart, H. and Jansen, P.S.M. Kop: Upper Triangularize ion of Matrices by Lower Triangular Similarities, 103:229
- BART, H.: Upper Triangularization of Matrices by Permutations and Lower Triangular Similarity Transformations, 110:255
- BEASLEY, LEROY and UNDERWOOD, E.E.: The 1987 Utah State University Department

- of Mathematics Conference, 29, 30, and 31 January 1987, Logan, Utah, 104:117
- BEASLEY, LEROY B. and PULLMAN, NORMAN J.: Semiring Rank versus Column Rank, 101:33
- BEASLEY, LEROY B., and LAFFY, THOMAS J.: Linear Operators on Matrices: The Invariance of Rank-k Matrices, 133:175
- BEASLEY, LEROY B. and PULLMAN, NORMAN J.: Linear Operators that Strongly Preserve Commuting Pairs of Boolean Matrices, 132:137
- BEASLEY, LEROY B.: Linear Operators on Matrices: The Invariance of Rank-k Matrices, 107:217
- BEATTIE, CHRISTOPHER and FOX, DAVID W.: Schur Complements and the Weinstein-Aronszajn Theory for Modified Matrix Eigenvalue Problems, 108:37
- Bebiano, Natália and João da Providência: Some Remarks on a Conjecture of de Oliveira. 102:241
- BECK, ISTVÁN: Partial Orders and the Modular Group, 120:139
- BEELEN, TH. and VAN DOOREN, P.: An Improved Algorithm for the Computation of Kronecker's Canonical Form of a Singular Pencil, 105:9
- BEEZER, ROBERT A.: A Disrespectful Polynomial, 128:139
- BEISSINGER, JANET S.: See Brualdi, Richard A.: 107:237
- Beita, M^A Asunción and Zaballa, Ion: Factorization of the Matrix Polynomial $A(\lambda) = A_0 \lambda + A_1 \lambda^{t-1} + \lambda + A_{t-1} \lambda + A_t$, 121:423
- BEKKER, PAUL A.: The Positive Semidefiniteness of Partitioned Matrices, 111:261
- BEN-ARTZI, A. and GOHBERG, I.: Inertia Theorems for Nonstationary Discrete Systems and Dichotomy, 120:95
- BEN-ISRAEL, ADI: Canonical Bases in Linear Programming, 102:95
- BEN-TAL, AHARON and TEBOULLE, MARC: A Geometric Property of the Least Squares Solution of Linear Equations, 139:165
- BENGURIA, RAFAEL: See Ashbaugh, Mark S.: 136:215
- BENZAOUIA, ABDELLAH and BURGAT, CHRIS-TIAN: Existence of Nonsymmetrical Stability Domains for Linear Systems,

- 121:217
- BERMAN, A. and JAIN, S.K.: Nonnegative Generalized Inverses of Powers of Nonnegative Matrices, 107:225
- BERMAN, ABRAHAM, HERSHKOWITZ, DANIEL, and LERER, LEONID: Haifa 1988 Conference on Matrix Theory, 120:237
- BERMAN, ABRAHAM: See Sasha, Dafna: 107:309
 BERMAN, ABRAHAM: Complete Positivity,
 107:57
- BESLIN, SCOTT and LIGH, STEVE: Greatest Common Divisor Matrices, 118:69
- Bevilacqua, Roberto, Condenotti, Bruno, and Romani, Francesco: Parallel Solution of Block Tridiagonal Linear Systems, 104:39
- BEVIS, JEAN H. and HALL, FRANK J.: Conpseudosimilarity and Consemisimilarity over a Division Ring: 136:181
- BHASKARA RAO, K.P.S., and DÜNTSCH, IVO: Generalized Inverses with Respect to General Norms, 133:33
- BHASKARA, RAO, K.P.S.: See Heuvers, Konrad J.: 101:49
- Bhatia, Rajendra and Kittaneh, Faud: On Some Perturbation Inequalities for Operators, 106:271
- BHATTACHARYA, RATNA and MUKHERJEA, KALYAN: On Unitary Similarity of Matrices. 126:95
- BHAYA, A.: See Kaszkurewicz, E.: 131:139
- BHAYA, AMIT: See Kaszkurewicz, Eugenius: 117:65
- BHIMASANKARAM, P.: On Generalized Inverses of a Block in a Partitioned Matrix, 109:131
- BINDING, PAUL and BROWNE, PATRICK J.: Two Parameter Eigenvalue Problems for Matrices. 113:139
- BING, LI: New Results on the Exponent Set of Primitive Nearly Reducible Matrices, 139:1
- BINGJUN, ZHOU: See Yonglin, Chen: 133:133
- BISIACCO, M., FORNASINI, E., and MARCHES-INI, G.: 2D Systems Feedback Compensation: An Approach Based on Commutative Linear Transformations, 121:135
- BISIACCO, MAURO, FORNASINI, ETTORE, and MARCHESINI, GIOVANNI: Dynamic Regulation of 2D Systems: A State-Space

Approach: 122/123/124:195

- BISTRITZ, YUVAL, LEV-ARI, HANOCH, and KAILATH, THOMAS: Immittance-Versus Scattering-Domain Fast Algorithms For Non-Hermitian Toeplitz and Quasi-Toeplitz Matrices, 122/123/124:847
- BIXBY, ROBERT E. and RAJAN, ARVIND: A Short Proof of the Truemper-Tseng Theorem on Max-Flow Min-Cut Matroids, 114/ 115:277
- BLOKHUIS, AART, WILBRINK, HENNY, and TEUMER, GUNTER: Unit Vectors with Nonnegative Inner Products and Kruskal's Conjecture, 117:7
- BOUSFIELD, R.A.: A Theorem for Symmetric n-Linear Forms, 105:183
- Bradu, Dan: See Hawkins, Douglas, M.: 127:403
- Braualdi, Richard A.: Review of Proceedings of the Second International Tampere Conference in Statistics, 111:325
- BREZINSKI, CLAUDE: Other Manifestations of the Schur Complement, 111:231
- BROCKETT, R.W.: Least Squares Matching Problems, 122/123/124:761
- BROUWER, A.E. and NEUMAIER, A.: The Graphs with Spectral Radius Between 2 and 2√+5√, 114/115:273
- BROWKIN, JERRY: A Theorem of Sturm and K₁ for Rings of Real Continuous Functions, 113:1
- BROWNE, M.W. and NEUDECKER, H.: The Convariance Matrix of a General Symmetric Second Degree Matrix Polynomial Under Normality Assumptions, 103:13
- Browne, M.W.: See Shapiro, A.: 127:567
- BROWNE, PATRICK J.: See Binding, Paul: 113:139
- BROYDEN, C.G.: Lemke's Method--A Recursive Approach, 136:257
- BRU, R. and VITÓRIA, J.: REPORT: International Conference on Linear Algebra and Applications, 28-30 September 1987, Universidad Politencnica de Valencia, Spain, 121:537
- Bru, RAFAEL and HERNÁNDEZ, VICENTE:
 Structural Properties of Discrete-Time
 Linear Positive Periodic Systems,
 121:171

- BRU, RAFAEL, ELSNER, LUDWIG, and NEU-MANN, MICHAEL: Models of Parallel Chaotic Iteration Methods, 103:175
- BRUALDI, RICHARD A. and MICHAEL, T.S.: The Class of Matrices of Zeros, Ones, and Twos with Prescribed Kow and Column Sums. 114/115:181
- BRUALDI, RICHARD A., PLESS, VERA S., and BEISSINGER, JANET S.: On the MacWilliams Identities for Linear Codes, 107:237
- BRUALDI, RICHARD A.: Review of Recent Results in the Theory of Graph Spectra by D. Cvetković, M. Doob, I. Gutman, and A. Torĝasev, 126:149
- BRUALDI, RICHARD A.: Review of Some Eclectic Matrix Theory by Kenneth S. Miller, 139:293
- BRUALDI, RICHARD A.: Some Applications of Doubly Stochastic Matrices, 107:77
- BULTHEEL, A.: See Van Barel, M.: 104:237
- BULTHEEL, ADHEMAR: See Van Barel, Marc: 122/123/124:973
- BUONI, JOHN J.: A Stable Method for the Incomplete Factorization of H-Matrices, 129:143
- BUONI, JOHN J.: Extensions of SSOR, 139:67 BURGAT, CHRISTIAN: See Benzaouia, Abdellah: 121:217
- BUSHELL, P.J. and TRUSTRUM, G.B.: Trace Inequalities for Positive Definite Matrix Power Products, 132:173
- BUTCHER, J.C.: On a Class of Matrices with Real Eigenvalues, 103:1
- BUTLER, C.A. and MORLEY, T.D.: Six Generalized Schur Complements, 106:259
- CAMERON, PETER J.: A Problem on Integer Matrices, 114/115:199
- CAMINA, ALAN and SIEMONS, JOHANNES: Intertwining Automorphisms in Finite Incidence Structures, 117:25
- CAMPOS, TÂNIA M.M.: See Micali, Artibano: 113:79
- CAMPOS, TANIA M.M., MACHADO, SILVIA D.A., and HOLGATE, PHILIP: Sex Dependent Genetic Recombination Rates for Several Loci, 136:165
- CARLSON, DAVID and HERSHKOWITZ, DANIEL: Nonsingularity Criteria for General Com-

- binatorially Symmetric Matrices, 114/115:399
- CARLSON, DAVID: Nonsingularity Criteria for Matrices Involving Combinatorial Considerations, 107:41
- CEAUSESCU, ZOIA: See Arsene, Gr.: 109:1
- CECHLÁROVÁ, KATARÍNA: Strong Regularity of Matrices in a Discrete Bottleneck Algebra. 128:35
- CENSOR, YAIR: See Aharoni, Ron: 120:165
- CHAO, CHONG-YUN: A Remark on Symmetric Circulant Matrices, 103:133
- CHARLES, BERNARD: See Barraa, Mohamed: 135:67
- CHEN, H.C.: See Parlett, B.N.: 140:53
- CHEN, J.C. and LAI, M.X.: On a Conjecture by Fiedler, Markham, and Neumann, 117:99
- CHEN, YONG-CHUAN and SHASTRI, ADITYA: On Joint Realization of (0,1) Matrices, 112:75
- CHENG, CHING-SHUI and LI, KER-CHAU: Characterization of Invariant Spaces under a Symmetric Real Matrix and Its Permutations, 127:503
- CHENG, SUI-SUN, LU, TZON-TZER, and WU, SHU-HEI: Regular Starlike Domains of Tridiograph Matrices, 199,20
- Tridiagonal Matrices: 129:29
 CHIEN, MAOTING: Boundedness of the Numerical Range: 134:25
- CHILLAG, DAVID: Generalized Circulants and Class Functions of Finite Groups. II, 108:199
- CHING, LI: A Bound on the Spectral Radius of Matrices of Zeros and Ones, 132:179
- CHOI, MAN-DUEN and WU, PEI YUAN: Convex Combinations of Projections, 136:25
- Chou, S.H. and Porsching, T.A.: Contraction Numbers for Additive Correction Methods, 139:207
- CHU, E.K.W.: See Kautsky, J.: 121:9
- Chu, King-wah Eric: Symmetric Solutions of Linear Matrix Equations by Matrix Decompositions. 119:35
- Chu, Moody T.: A Note on the Homotopy Method for Linear Algebraic Eigenvalue Problems, 105:225
- CHU, W.C.: Some Algebraic Identities Concerning Determinants and Permanents, 116:35
- CHUN, J. and KAILATH, T.: A Constructive

- Proof of the Gohberg-Semencul Formula, 121:475
- CHVÁTAL, V., COOK, W., and HARTMANN, M.: On Cutting-Plan Proofs in Combinatorial Optimization, 114/115:455
- CLEMENTS, D.J. and GLOVER, K.: Spectral Factorization via Hermitian Pencils, 122/ 123/124:797
- CODENOTTI, BRUNO: See Bevilacqua, Roberto, 104:39
- COHEN, JOEL E., MARCHI, EZIO, and OVIEDO, JORGE A.: Perturbation Theory of Completely Mixed Bimatrix Games, 114/ 115:169
- COHEN, JOEL E.: Spectral Inequalities for Matrix Exponentials, 111:25
- CONNER, JR., L.T.: See Barker, G.P.: 1107:55 CONSTANTINESCU, T.: See Arsene, Gr., 109:1
- CONTE, G.: See Longhi, S.: 122/123/124:245
- CONTE, GIUSEPPE: See Wyman, Bostwick, F.: 122/123/124:123
- COOK, W.: See Chvátal, V.: 114/115:455
- Cosares, Steven: See Alon, Noga: 114/ 115:669
- COSTA E SILVA, MARIA C.: See Micali, Artibano, 113:79
- COSTA, ROBERTO: A Note on Bernstein Algebras, 112:195
- COTTLE, R.W., PANG, J.S., and VENKATES-WARAN, V.: Sufficient Matrices and the Linear Complementarity Problem, 114/ 115:231
- COULLARD, COLLETTE R. and PULLEYBLANK, WILLIAM R.: On Cycle Cones and Polyhedra, 114/115:613
- COWEN, CARL C.: An Application of Hadamard Multiplication to Operators on Weighted Hardy Spaces, 133:21
- CRITCHLEY, FRANK: On Certain Linear Mappings Between Inner-Product and Squared-Distance Matrices, 105:91
- CUMMINGS, L.J.: See Heuvers, Konrad J.: 101:49
- CVETKOVIĆ, DRAGOŠ: Constructing Trees with Given Eigenvalues and Angles, 105:1
- DA PURIFICAÇÃO COELHO, M.: See Dias de Silva, J.A.: 140:1
- DAHLHAUS, R.: Approximations for the Inverse of Toeplitz Matrices with Applica-

- tions to Stationary Processes, 127:27
- Dancis, Jerome: Bordered Matrices, 128:117 Dancis, Jerome: On the Inertias of Symmet-
- ric Matrices and Bounded Self-Adjoint Operators, 105:67
- DANCIS, JEROME: Several Consequences of an Inertia Theorem, 136:43
- DANTZIG, GEORGE B.: Making Progress During a Stall in the Simplex Algorithm, 114/115:251
- DAODE, HUANG: On Circulant Boolean Matrices, 136:107
- DATTA, B.M., and DATTA, KARABI: On Eigenvalue and Canonical Form Assignments: 131:161
- DATTA, B.N.: See Fuhrmann, P.A., 120:23
- DATTA, BISWA NATH: Parallel and Large-Scale Matrix Computations in Control: Some Ideas, 121:243
- DATTA, BISWA NATH: REPORT: NIU Confernce on Linear Algebra, Numerical Linear Algebra and Applications, 136:29-30 April 1989, Northern Illinois University, DeKalb, Illinois, 136:181
- DATTA, KARABI: See Datta, B.M.: 131:161
- DATTA, KARABI: The Matrix Equation XA BX= R and Its Applications, 109:91
- DAX, ACHIYA: A Note on the Convergence of Linear Stationary Iterative Processes, 129:131
- DAX, ACHIYA: Line Search Acceleration of Iterative Methods, 130:43
- DAX, ACHIYA: Linear Programming via Least Squares, 111:313
- DAX, ACHIYA: On Hybrid Acceleration of a Linear Stationary Iterative Process, 130:99
- DE HOOG, F.R., SPEED, T.P. and WILLIAMS, E.R.: On a Matrix Identity Associated with Generalized Least Squares, 127:449
- DE HOYOS, INMACULADA: See Gracia, Juan M.: 121:353
- DE OLIVEIRA, GRACIANO: Preface, 121:1
- DE PIERRO, ALWARO R. and IUSEM, ALFREDO N.: On the Asymptotic Behavior of Some Alternate Smoothing Series Expansion Iterative Methods, 130:3
- DEAN, A.M. and VERDUCCI, J.S.: Linear Transformations That Preserve Majorizations, Schur Concavity, and Exchangea-

- bility: 127:121
- DE SÁ, E. MARQUES: A Convexity Lemma on the Interlacing Inequalities for Invariant Factors, 109:107
- DE VARGAS, A. PEREZ: See Durand-Alegria, A.I.: 121:385
- DE WERRA, D.: A Note on SS/TDMA Satellite Communication, 135:69
- DEDIEU, JEAN-PIERRE: Matrix Homographic Iterations and Bounds for the Inverses of Certain Band Matrices, 111:29
- DEGUI, TENG: Inverse Eigenvalue Problem for Some Special Matrices: 139:63
- DEISTLER, M. and WANG, LIQUN: The Common Structure of Parametrizations for Linear Systems, 122/123/124:921
- DEL OLMO, M.A., RODRIGUEZ, M.A., WIN-TERNITZ, P., and ZASSENHAUS, H.: Maximal Abelian Subalgebras of Pseudounitary Lie Algebras, 135:79
- DELEBECQUE, F.: On the Resolvent Approach to the Spectral Decomposition of a Regular Matrix Pencil. 129:63
- Delsarte, P. and Seidel, J.J.: Fisher Type Inequalities for Euclidean t-Designs, 114/115:213
- DEMEURE, CÉDRIC J.: Fast QR Factorization of Vandermonde Matrices, 122/123/ 124:165
- DESCHAMPS, PHILIPPE J.: A Note on Isomorphic Characterizations of the Dispersion Matrix in Error-Component Models, 111:147
- DI NOLA, ANTONIO and SESSA, SALMATORE: On the Schein Rank of Matrices over Linear Lattices, 118:155
- DIAS DE SILVA, J.A. and DA PURIFICAÇÃO COELHO, M.: (λ-G)-Critical Matrices, 140:1
- DIETRICH, BRENDA L.: Monge Sequences, Antimatroids, and the Transportation Problem with Forbidden Arcs, 139:133
- DION, JEAN-MICHEL: A Transfer Matrix Approach to Feedback Invariants of Linear Systems: Application to Decoupling, 121:491
- DOKOVIĆ, DRAGOMIR Ž. and RICHARDS, MARK P.: On Singular Values and Similarity Classes of Matrices, 110:1
- DONG, CHUN-FEI: See Dong, Wei-Quan,

DONG, WEI-QUAN, SHAO, JIA-YU, and DONG, CHUN-FEI: On the Exponents of Primitive Digraphs with the Shortest Elementary Circuit Length s, 104:1

DOOB, MICHAEL: The Limit Points of Eigenvalues of Graphs, 114/115:659

DUNTSCH, IVO: See Bhaskara Rao, K.P.S.: 133:33

DUARTE, ANTÓNIO LEAL: Construction of Acyclic Matrices from Spectral Data, 113:173

DURAND-ALEGRIA, A.I., LOPEZ-SANCHEZ, J., and DE VARCAS, A. PEREZ: Zygotic Algebra for Two-Linked Loci with Sexually Different Recombination and Mutation Rates, 121:385

DUSAUSSOY, NICOLAS J. and ABDOU, IKRAM E.: Some New Multiplicative Algorithms for Image Reconstruction from Projections, 130:111

DYM, HARRY: See Alpay, Daniel: 137/138:413 DYM, HARRY: See Alpay, Daniel: 137/138:137

DZENG, D.C. and LIN, W.W.: HMDR and FMDR Algorithms for the Generalized Eigenvalue Problem, 112:169

EAGAMBARAM, N.: Generalized Inverses with Nonnegative Principal Minors, 111:293

EAVES, B. CURTIS and ROTHBLUM, URIEL G.: Relationships of Properties of Piecewise Affine Maps over Ordered Fields, 132:1

EAVES, B. CURTIS and ROTHBLUM, URIEL G.: A Continuous-Time Average-Cost Flexible Manufacturing and Operator Scheduling Model Solved by Deconvexification Over Time, 114/115-417

EBANKS, BRUCE R.: On the Equation $F(X)+M(X)G(X^{-1})=0$ on K^n , 125:1

EGGERMONT, P.P.B.: Multiplicative Iterative Algorithms for Convex Programming, 130:25

EIJKHOUT, VICTOR and POLMAN, BEN: Decay Rates of Inverses of Banded M-Matrices that are Near to Toeplitz Matrices, 109:247

EIROLA, TIMO and NEVANLINNA, OLAVI: Accelerating with Rank-One Updates, 121:511

ELSNER, L., KOLTRACHT, I., and NEUMANN, M.: On the Convergence of Asynchronous Paracontractions with Application to Tomographic Reconstruction from Incomplete Data, 130:65

ELSNER, L.: See Watkins, D.S.: 118:107 ELSNER, L.: See Watkins, D.S., 110:213

ELSNER, L.: A Note on the Variation of Permaments, 109:37

ELSNER, LUDWIG and JOHNSON, CHARLES R.: Nonnegative Matrices, Zero Patterns, and Spectral Inequalities, 120:225

ELSNER, LUDWIG, HERSHKOWITZ, DANIEL, and PINCUS, ALLAN: Functional Inequalities for Spectral Radii of Nonnegative Matrices, 129:103

ELSNER, LUDWIG: See Bru, Rafael: 103:175

ERRATUM: 120:71

ERXIONG, JIANG: An Algorithm for Finding Generalized Eigenpairs of a Symmetric Definite Matrix Pencil, 132:65

ESCHENBACH, CAROLYN A. and JOHNSON, CHARLES R.: A Combinatorial Converse to the Perron-Frobenius Theorem, 136:173

ESPAÑOL, FRANCISCO MARCELLÁN and GON-ZÁLEZ, ISABEL RODRÍGUEZ: A Class of Matrix Orthogonal Polynomials on the Unit Circle, 121:233

EVANS, D.J. and LI, C.: Analysis of a Symmetric Extrapolated Iterative Method for Solving Linear Systems, 103:149

EVANS, D.J. and LI, C.: A Note on the SOR and CG Methods for Large Least Squares Problems, 121:163

EVARD, JEAN-CLAUDE and GRACIA, JUAN-MIGUEL: On Similarities of Class C^p and Applications to Matrix Differential Equations, 137/138:363

EVARD, JEAN-CLAUDE: On the Existence of Bases of Class C^p of the Kernel and the Image of a Matrix Function, 135:33

FAIBUSOVICH, L.E.: QR-Type Factorizations, the Yang-Baxter Equation and an Eigenvalue Problem of Control Theory, 122/123/124:943

FAN, KY: Inequalities for Proper Contractions and Strictly Dissipative Operators, 105:237

FANG, Li: On the Spectra of P- and P₀-Matrices, 119:1

FEINTUCH, AVRAHAM: Stabilization and Sensi-

- tivity for Eventually Time-Invariant Systems, 122/123/124:105
- FELLMAN, JOHAN: See Nordström, Kenneth: 127:341
- FERREIRA, SILVA M.M.: See Micali, Artibano: 113:79
- FIALKOW, AARON: Linear Dependence of Linear Transformations and Images, 126:15
- FIEDLER, M. and MARKHAM, THOMAS L.: An Inequality for the Hadamard Product of an M-Matrix and an Inverse M-Matrix, 101-1
- FIEDLER, M.: Characterizations of Bézout and Hankel-Bézout Matrices, 105:77
- FIEDLER, MIRASLAV: Characterizations of MMA-Matrices, 106:233
- FIEDLER, MIROSLAV AND PTÁK, VLASTIMIL: Loewner and Bézout Matrices, 101:187
- FIEDLER, MIROSLAV and MARKHAM, THOMAS L.: A Characterization of the Closure of Inverse M-Matrices, 105:209
- FIELDLER, MIROSLAV and MARKHAM, THOMAS: Some Connections between the Drazin Inverse, P-Matrices, and the Closure of Inverse M-Matrices, 132:163
- FIROOZI, FATHALI K.: A Transformation of the Inequality-Constrained Linear Model, 133:153
- FIRST, ZVI, HACKMAN, STEVEN T., and PASSY, URY: Matrix Criteria for the Pseudo-P-Convexity of a Quadratic Form, 136:235
- FLEMING, HENRY E.: Equivalence of Regularization and Truncated Iteration in the Solution of Ill-Posed Image Reconstruction Problems: 130:133
- FLETCHER, R.: Degeneracy in the Presence of Roundoff Errors, 106:149
- FLOURNOY, NANCY: Dependency in Multivariate Markov Chains, 127:85
- FORSTER, K.-H. and NAGY, B.: On the Collatz-Wielandt Numbers and the Local Spectral Radius of a Nonnegative Operator, 120:193
- FOIAS, CIPRIAN and TANNENBAUM, ALLEN: On the Parametrization of the Suboptimal Solutions in Generalized Interpolation, 122/123/124:145
- FORCADE, RODNEY W.: See Barrett, Wayne W.: 107:207

- FOREGGER, THOMAS H.: Embedding Nearly Decomposable Matrices into Certain Staircase Matrices, 135:153
- FOREGER, THOMAS H.: Review of a Nonnegative Matrices, by Henryk Minc, 134:181
- FORNASINI, E.: See Bisiacco, M., 121:135
- FORNASINI, ETTORE: See Bisiacco, Mauro: 122/123/124:195
- FORNASINI, ETTORE: 2D Markov Chains, 140:101
- Fotas, Ciprian, Frazho, Arthur, and Tan-Nenbaum, Allen: On Certain Minimal Entropy Extensions Appearing in Dilation Theory: 137/138:213
- Fox, David W.: See Beattie, Christopher: 108:37
- Franchetti, C. and Tiberio, U.: A Numerica: Evaluation of Projection Constants, 109:179
- Frank, András, and Tardos, Éva: An Application of Submodular Flows, 114/115:329
- Franklin, Joel and Lorenz, Jens: On the Scaling of Multidimensional Matrices, 114/115:717
- Frazho, Arthur: See Fotas, Ciprian: 137/ 138:213
- FREUND, ROLAND and HUCKLE, THOMAS: An Extension Problem for H-Unitary Matrices with Applications to Hermitian Toeplitz Matrices, 108:213
- FRIEDLAND, SCHMUEL and HERSHKOWITZ, DANIEL: The Rank of Powers of Matrices in a Block Triangular Form, 107:17
- FRIEDLAND, SHMUEL and LONDON, DAVID: Pinyamin Schwarz – on the Occasion of his 70th Birthday, 120:3
- FRIEDLAND, SHMUEL: Bounds on the Spectral Radius of Graphs with e Edges, 101:81
- FRIEDLAND, SHMUEL: Characterizations of the Spectral Radius of Positive Operators, 134:93
- FROMMER, ANDREAS and MAYER, GÜNTER: Convergence of Relaxed Parallel Multisplitting Methods, 119:141
- FUHRMANN, P.A. and DATTA, B.N.: On Bezoutians, Van der Monde Matrices, and the Lienard-Chipart Stability Criterion, 120:23
- FUHRMANN, P.A.: See Helmke, U.: 122/123/ 124:623

- FUHRMANN, PAUL A., KIMURA, HIDENORI, and WILLEMS, JAN C.: Preface, /122/123/124:1
- FURUTA, TAKAYUKI: A Proof via Operator Means of an Order Preserving Inequality, 113:129
- FURUTA, TAKAYUKI: The Operator Equation $T(H^{1/n}T)^n = K$, 109:149
- GADER, PAUL D.: Displacement Operator Based Decompositions of Matrices Using Circulants or Other Group Matrices, 139:111
- GAINES, FERGUS: Report: Fourth Dublin conference on Matrix Theory and Its Applications, 117:133
- GAMAS, CARLOS: Conditions for a Symmetrized Decomposable Tensor to Be Zero, 108:83
- GAMBINI, ALESSANDRA: Algorithms for Soluble Subalgebras of Finite Dimensional Lie Algebras. 104:29
- GAMST, J. and HOECHSMANN, K.: An Invariance Property of Hankel Forms, 122/123/ 124:447
- GANDER, WALTER, GOLUB, GENE H.: and VON MATT, URS: A Constrained Eigenvalue Problem. 114/115:815
- GANDER, WALTER: See Arbenz, Peter: 104:75
- GASCA, M. and MARTÍNEZ, J.J.: On the Computation of Determinants Arising in Some Bivariate Rational Interpolation Problems: 121:87
- Gassó, Marte: See Hernández, Vicente: 121:333
- GATTO, R. and SARTORI, G.: Biunitarily Diagonalizable Families of Compact Linear Operators, 119:87
- GAUCHMAN, HILLEL and RUBEL, LEE A.: Sums of Products of Functions of x Times Functions of u. 125:19
- GEERTS, TON: All Optimal Controls for the Singular Linear-Quadratic Problem Without Stability; a New Interpretation of the Optimal Code, 116:135
- GEERTS, TON: Continuity Properties of the Cheap-Control Problem Without Stability, 122/123/124:65
- Gerands, A.M.H.: A Short Proof of Tutte's Characterization of Totally Unimodular Matrices, 114/115:207

- GIANNAKOPOULOS, C.: See Karcanias, N.: 122/123/124:415
- GIOVAGNOLI, ALESSANDRA and ROMANAZZI, MARIO: A Group Majorization Ordering for Correlation Matrices, 127:139
- GLOVER, K.: See Clements, D.J.: 122/123/ 124:797
- GOBERNA, M.A. and LÓPEZ, M.A.: A Theory of Linear Inequality Systems, 106:77
- GODSIL, C.D. and MOHAR, B.: Walk Generating Functions and Spectral Measures of Infinite Graphs, 107:247
- GOHBERG, I. and SHALOM, T.: On Bezoutians of Nonsquare Matrix Polynomials and Inversion of Matrices with Nonsquare Blocks, 137/138:249
- GOHBERG, ISRAEL: See Ball, Joseph A.: 137/ 138:621
- GOLDBERG, I., KAASHOEK, M.A., and RAN, A.C.M.: Regular Rational Matrix Functions with Prescribed Null and Pole Data Except at Infinity, 137/138:387
- GOLUB, GENE, H.: See Arbenz, Peter: 104:75 GOLUB, GENE H.: See Gander, Walter: 114/ 115:815
- GONZÁLEZ, ISABEL RODRÍGUEZ: See Español, Francisco Marcellán, 121:233
- GORODETSKY, MICHAEL: On Block Toeplitz Matrices with Analytic Symbol, 116:41
- GOVAERTS, W. and PRYCE, J.D.: A Singular Value Inequality for Block Matrices, 125:141
- GOVER, M.J.C.: A Ring of Brownian Matrices,
- Goven, M.J.C.: Comparative Review of Applied Linear Algebra, 3rd Ed., by B. Noble and J.W. Daniel and Linear Algebra and Its Applications, 3rd Ed., by G. Strang: 118:159
- GOVER, M.J.C.: Review of Applied Linear Algebra: by Riaz A. Usmani, 106: 53
- GOVER, M.J.C.: The Determination of Companion Matrices Characterizing Toeplitz and r-Toeplitz Matrices, 117:81
- GOWDA, M. SEETHARAMA: Pseudomonotone and Copositive Star Matrices, 113:107
- GOWDA, M. SEETHARAMA: On the Transpose of a Pseudomonotone Matrix and the LCP, 140:129
- GRACIA, JUAN M., DE HOYOS, INMACULADA,

- and ZABALLA, ION: Perturbation of Linear Control Systems, 121:353
- GRACIA, JUAN.: See Evard, Jean Claude: 137/138:363
- GRAGG, W.B. and REICHEL, L.: On Singular Values of Hankel Operators of Finite Bank: 121:53
- GRAGG, WILLIAM B.: See Ammar, Gregory S.: 121:185
- GREEN, WILLIAM L. and MORLEY, T.D.: Operator Means and Matrix Functions: 137/138:453
- GREENBAUM, A.: Behavior of Slightly Perturbed Lanczos and Conjugate-Gradient Recurrences, 113:7
- GRÖTSCHEL, M. and TRUEMPER, K.: Master Polytopes for Cycles of Binary Matroids, 114/115:523
- GRONE, ROBERT and PIERCE, STEPHEN: Extremal Bipartite Matrices: 131:39
- GRONE, ROBERT, PIERCE, STEPHEN, and WAT-KINS, WILLIAM: Extremal Correlation Matrices, 134:63
- GUNAWARDENA, ANANDA D., JAIN, S.K., and SNYDER, LARRY: On the Periodicity of the Graph of Nonnegative Matrices, 120:181
- GUO-LIANG XU and ADHEMAR BUITHEEL: Matrix Padé Approximation: Definitions and Properties, 137/138:67
- HACKMAN, STEVEN T.: See First, Zvi: 136:235
 HADJIDIMOS, A. and NEUMANN, M.: A Note on
 the SSOR Convergence Domain Due to
 Neumaier and Varga, 107:263
- HADJIDIMOS, APOSTOLOS, PAPATHEODOROU, THEODORE S., and SARIDAKIS, YIANNIS G.: Optimal Block Iterative Schemes for Certain Large, Sparse, and Nonsymmetric Linear Systems, 110:285
- HAEMERS, W.H. and HIGHMAN, D.G.: Strongly Regular Graphs with Strongly Regular Decomposition, 114/115:379
- HALL, FRANK J.: See Bevis, Jean H.: 136:181
- HANKE, MARTIN and NIETHAMMER, WILHELM: On the Acceleration of Kaczmarz's Method for Inconsistent Linear Systems, 130-83
- HANSEN SÖNKE: An Algorithm for Lagrangian Subspaces, 129:155
- HARA, SHINJI and SUNG, HAK-KYUNG: Con-

- straints on Sensitivity Characteristics in Linear Multivariable Discrete-Time Control Systems: 122/123/124:889
- HARFIEL, D.J.: Cone Control on Nonnegative Control Equations, 117:115
- HARTMAN, JIM: On a Conjecture of Gohber and Rodman 140:267
- HARTMANN, M.: See Chvátal, V.: 114/115:455
- HARTWIG, ROBERT E., NEUMANN, MICHAEL, and Rose, NICHOLAS J.: An Algebraic-Analytic Approach to Nonnegative Bases, 133:77
- HARTWIG, ROBERT: Review of *The Theory of Matrices*, Second Edition, by Peter Lancaster and Miron Tismenetsky, **108**:173
- HASSIN, REFAEL and MEGIDDO, NIMROD: On Orientations and Shortest Paths, 114/ 115:589
- HAUKE, JAN: See Baksalary, Jerzy K.: 127:157
 HAWKINS, DOUGLAS M. and BRADU, DAN:
 Application of the Moore-Penrose Inverse of a Data Matrix in Multiple
- Regression, 127:403
 HAYDEN, T.L. and WELLS, JIM: Approximation by Matrices Positive Semidefinite on a Subspace, 109:115
- HE, CHUNYANG: On Estimating the Least Singular Value of a Matrix, 128:133
- HEDAYAT, A.S. and PESOTAN, H.: Strongly Threefold Orthogonal Matrices with Statistical Applications, 136:1
- HEFNER, KIM A.S. and LUNDGREN, J. RICHARD: Minimum Matrix Rank of k-regular (0,1) Matrices, 133:43
- HEINIC, GEORG and ROST, KARLA: On the Inverses of Toeplitz-plus-Hankel Matrices, 106:39
- HEINIG, GEORG and ROST, KARLA: Matrix Representations of Toeplitz-plus-Hankel Matrix Inverses, 113:65
- HELMKE, U. and FUHRMANN, P.A.: Bezoutians, 122/123/124:1039
- HELMKE, U., HINRICHSEN, D., and MANTHEY, W.: A Cell Decomposition of the Space of Real Hankel Matrices of Rank ≤n and Some Applications, 122/123/124:331
- Helmke, Uwe: Rational Functions and Bezout Forms: A Functorial Correspondence, 122/123/124:623
- HELTON, J. WILLIAM: See Agler, Jim: 107:157

- HENDERSON, HAROLD V. and SEARLE, SHAYLE R.: Generalized Dispersion Matrices for Covariance Structural Analysis, 127:543
- HEOVERS, J. KONRAD: The Binet-Cauchy Functional Equation and Nonsingular Multiindexed Matrices, 140:197
- HERMIDA-ALONSO, J.A. and SANCHEZ-GIRALDA, T.: On the Duality Principle for Linear Dynamical Systems over Commutative Rings: 139:175
- HERNÁNDEZ, VICENTE and GASSO, MAITE: Explicit Solution of the Matrix Equation AXB-CXD=E, 121:333
- HERNÁNDEZ, VICENTE: See Bru, Rafael: 121:171
- Hershkowitz, Daniel and Schneider, Hans: On the Generalized Nullspace of M-Matrices and Z-Matrices, 106:5
- HERSHKOWITZ, DANIEL, ROTHBLUM, URIEL G., and SCHNEIDER, HANS: The Combinatorial Structure of the Generalized Nullspace of a Block Triangular Matrix, 116-9
- HERSHKOWITZ, DANIEL, ROTHBLUM, URIEL G., and SCHNEIDER, HANS: Characterizations and Classifications of M-Matrices Using Generalized Nullspaces, 109:59
- HERSHKOWITZ, DANIEL: See Berman, Abraham: 120:237
- HERSHKOWITZ, DANIEL: See Carlson, David: 114/115:399
- HERSHKOWITZ, DANIEL: See Elsner, Ludwig: 129:103
- HERSHKOWITZ, DANIEL: See Friedland, Shmuel: 107:17
- HERSHKOWITZ, DANIEL: See Shasha, Dafna: 103:21
- HERSHKOWITZ, DANIEL: A Majorization Relation Between the Height and the Level Characteristics: 125:97
- HEUVERS, KONRAD J., CUMMINGS, L.J., and BHASKARA RAO, K.P.S.: A Characterization of the Permanent Function by the Binet-Cauchy Theorem, 101:49
- HIGHAM, NICHOLAS J.: Computing a Nearest Symmetric Positive Semidefinite Matrix, 103:103
- HIGMAN, D.G.: See Haemers, W.H.: 114/
- HILE, GERALD N. and LOUNESTO, PERTTI:

- Matrix Representations of Clifford Algebras, 128:51
- HINRICHSEN, D. and PRÄTZEL-WOLTERS, D.: A Jordan Canonical Form for Reachable Linear Systems, 122/123/124:489
- HINRICHSEN, D.: See Helmke, U.: 122/123/
- HOCHBAUM, DORIT S.: See Alon, Noga, 114/ 115:669
- HOECHSMANN, K.: See Gamst, J.: 122/123/ 124:447
- HOLGATE, PHILIP: See Campos, Tania, M.M.: 136:165
- HONG, YOOPYO and HORN, ROGER A.: A Canonical Form for Matrices Under Consimilarity, 102:143
- HONG, YOOPYO: A Hermitian Canonical Form for Complex Matrices under Consimilarity, 133:1
- HOOGLAND, H .: See Bart, H., 103:229
- HORIGUCHI, SUSUMU, and MIRANKER, WIL-LARD L.: Noisy Sort, A Memory-Intensive Sorting Algorithm, 114/115:641
- HORN, ROGER A.: See Hong, YooPyo, 102:143
 HOWE, ERIC C. and JOHNSON, CHARLES R.:
 Expected-Value Norms on Matrices,
 139:21
- Hu, Hui and Wang, Qing: On Approximate Solutions of Infinite Systems of Linear Inequalities, 114/115:429
- Hua, Dai: On the Symmetric Solutions of Linear Matrix Equations: 131:1
- HUCKLE, THOMAS: See Freund, Roland, 108:213
- HUNG, MING S. and ROM, WALTER O.: An Application of the Hermite Normal Form in Integer Programming, 140:163
- HUNTER, JEFFREY J.: Characterizations of Generalized Inverses Associated with Markovian Kernels, 102:121
- HUNTER, JEFFREY J.: Parametric Forms for Generalized Inverses of Markovian Kernels and Their Applications, 127:71
- HURKENS, C.A.J.: Blowing Up Convex Sets in the Plane, 134:121
- HURKENS, C.A.J.: On the Existence of an Integral Potential in a Weighted Bidirected Graph, 114/115:541
- HUYLEBROUCK, DIRK: See Keliba, Ntumba Tshimvunda: 139:103

- HWANG, SUK GEUN: Maximum Permaments on Certain Classes of Nonnegative Matrices, 132:103
- HWANG, SUK GEUN: Some Nontrivial Permanental Mates: 140:89
- IUSEM, ALFREDO N.: See De Pierro, Alvaro:
- IVANOV, A.A. and SHPECTOROV, S.V.: The Association Schemes of Dual Polar Spaces of Type ²A_{2d,I}(P) Are Characterized by Their Parameters if d≥3, 114/ 115:133
- JAIN, S.K.: See Berman, A., 107:225
- Jain, S.K.: See Gunawardena, Ananda: 120:181
- James, Donald G.: Representations of Anisotropic Unitary Groups. II, 110:271
- JANSEN, P.S.M. KOP: See Bart, H., 103:229
- JEFFRIES, CLARK and VAN DEN DRIESSCHE, P.: Eigenvalues of Matrices with Tree Graphs, 101:109
- JEFFRIES, CLARK: Eigenvalues, Stability, and Color Tests, 107:65
- JETER, MELVYN W. and PYE, WALLACE C.: Strucutre Properties of W. Matrices, 111:219
- JI, XINGZHI: The Pseudosymmetric Tridiagonalization of an Arbitrary Real Matrix, 129:1
- JIA, R.Q. and SIVAKUMAR, N.: On the Linear Independence of Integer Translates of Box Splines with Rational Directions, 135:19
- JINADASA, K.G.: Applications of the Matrix Operations vech and vec, 101:73
- JINADASA, K.G.: The Information Matrix of a Sample of Observations with Missing Data from a Multivariate Normal Distribution with a Covariance Structure, 131.9
- Jódar, L. and Abou-Kandil, H.: Kronecker Products and Coupled Matrix Riccati Differential Systems, 121:39
- Jódar, Lucas: Algebraic and Differential Operator Equations, 102:35
- JÓDAR, LUCAS: Explicit Solutions for Second Order Operator Differential Equations with Two Boundary Value Conditions,

- 103:73
- João da Providencia: See Bebiano, Nafalia: 102:241
- JOHNSON, CHARLES R. and SUMMERS, TRACY A.: The Potentially Stable Tree Sign Patterns for Dimensions Less than Five, 126:1
- JOHNSON, CHARLES R. and NYLEN, PETER: Yamamoto's Theorem for Generalized Singular Values, 128:147
- JOHNSON, CHARLES R., and PIERCE, STEPHEN: Inequalities for Single-Hook Immanants, 102:55
- JOHNSON, CHARLES R.: See Eschenbach, Carolyn A.: 136:173
- JOHNSON, CHARLES R.: See Elsner, Ludwig: 120:225
- JOHNSON, CHARLES R.: See Howe, Eric C.: 139:21
- JOHNSON, CHARLES R.: See Barrett, Wayne W.: 121:265
- JOHNSON, CHARLES R.: Combinatorial Matrix Analysis: An Overview, 107:3
- JOHNSON, CHARLES R.A.: A Gersgorin-type Lower Bound for the Smallest Singular Value, 112:1
- JONCKHEERE, EDMOND A., JUANG, JYH-CHING, and SILVERMAN, LEONARD M.: Spectral Theory of the Linear-Quadratic and H∞ Problems, 122/123/124:273
- JONCKHEERE, EDMOND and MA, CHINGWO: Recursive Partial Realization from the Combined Sequence of Markov Parameters and Moments, 122/123/124:565
- JONCKHEERE, EDMUND and MA, CHINGWO: A Simple Hankel Interpretation of the Berlekamp-Massey Algorithm, 125:65
- JUANG, JYH-CHING: See Jonckheere, Edmond A.: 122/123/124:273
- JUNGNICKEL, DIETER: Partial Spreads Over \mathbb{Z}_q , 114/115:95
- Клаяноек, М.А.: See Goldberg, I.: 137/ 138:387
- KAILATH, T.: See Chun, J.: 121:475
- KAILATH, THOMAS: See Bistritz, Yuval: 122/ 123/124:847
- KALOGEROPOULOS, G.: See Karcanias, N.: 121:433
- KALTOFEN, ERICH, KRISHNAMOORTHY, M.S.,

and SAUNDERS, B. DAVID: Parallel Algorithms for Matrix Normal Forms, 136:189

KAMPS, U.: Chebyshev Polynomials and Least Squares Estimation Based on One-Dependent Random Variables, 112:217

KAMPS, U.: Relative Efficiency of Estimates and the Use of Chebyshev Polynomials in a Model of Pairwise Overlapping Samples, 127:641

KANG, J.: See Antoulas, A.C.: 137/138:511

KANG, JEONGOOK: See Ball, Joseph A.: 137/ 138:699

KARCANIAS, N. and GIANNAKOPOULOS, C.: Necessary and Sufficient Conditions for Zero Assignment by Constant Squaring Down, 122/123/124:415

KARCANIAS, N. and KALCGEROPOULOS, G.: Projective Equivalence of Homogenous Binary Polynomials, 121:433

KARCANIAS, N. and WILSON, D.R.: Decentralized Diagonal Dynamic Stabilization of Linear Multivariable Systems, 121:455

KARL, W.C. and VERGHESE, G.C.: Curvatures of Surfaces and their Shadows, 130:231

KARZANOV, A.V.: Polyhedra Related to Undirected Multicommodity Flows, 114/ 115:293

KASS, SEYMOUR: Spaces of Closest Fit, 117:93
KASZKUREWICZ, E., BHAYA, A., and ŠILJAK,
D.D.: On the Convergence of Parallel
Asynchronous Block-Iterative Computations. 131:39

KASZKUREWICZ, EUGENIUS and BHAYA, AMIT: Qualitative Stability of Discrete-Time Systems, 117:65

KAUTSKY, J., NICHOLS, N.K., and CHU, E.K.-W.: Robust Pole Assignment in Singular Control Systems, 121:9

KELIBA, NTUMBA TSHIMVUNDA and HUYLBROUCK, DIRK: A Note on Conjugate Toeplitz Matrices, 139:103

KEZLAN, THOMAS P.: A Note on Algebra Automorphisms of Triangular Matrices over Commutative Rings: 135:181

KIERS, HENK A.L. and TEN BERGE, Jos M.F.: Optimality Conditions for the Trace of Certain Matrix Products, 126:125

KIMURA, HIDENORI: See Fuhrmann, Paul A.: 122/123/124:1

KITTANEH, FUAD: See Bhatia, Rajendra:

106:271

KITTANEH, FUAD: On the Continuity of the Absolute Value Map in the Schatten Classes, 118:61

KLEINER, MARK: Pairs of Partially Ordered Sets of Tame Representation Type, 104:103

KNOPFMACHER, ARNOLD and KNOPFMACHER, JOHN: The Distribution of Values of Polynomials over a Finite Field, 134:145

KNOPFMACHER, JOHN: See Knopfmacher, Arnold: 134:145

KOBILINSKY, ANDRÉ: Complex Linear Models and Cyclic Designs: 127:227

KOCIĘCKI, M. and PRZYLUSKI, K.M.: On the Number of Controllable Linear Systems over a Finite Field: 122/123/124:115

KOLTRACHT, I. and Lancaster, P.: Generalized Schur Parameters and the Effects of Perturbation, 105:109

KOLTRACHT, I.: See Elsner, L.: 130:65

KOLTRACHT, ISRAEL, LANCASTER, PETER, and SMITH, DIGBY: The Structure of Some Matrices Arising in Tomography, 130:193

KOMAROFF, N.: Rearrangement and Matrix Product Inequalities: 140:155

KOUVARITAKIS, B. and ROSSITER, J.A.: Branch-Point Placement: 140:217

KRAFFT, OLAF and SCHAEFER, MARTIN: Convergence of the Powers of a Circulant Stochastic Matrix, 127:59

KRAUSE, GERD M.: See Mehrmann, Volker: 120:47

Kravitsky, N. and Waksman, Z.: On Some Resultant Identities, 122/123/124:3

KRISHNA, LALA B.: See Martins, M. Madalena: 106:185

KRISHNAMOORTHY, M.S.: See Kaltofen, Erich: 136:189

KULKARNI, DEVADATTA M.: See Abhyankar, Shreeram: 116:53

KUNKEL, P. and MEHRMANN, V.: Numerical Solution of Differential Algebraic Riccati Equations: 137/138:39

KWONG, MAN KAM: Some Results on Matrix Monotone Functions, 118:129

KWONG, MANKAM: On the Definiteness of the Solutions of Certain Matrix Equations, 108:177

- LAFFEY, THOMAS J.: Factorizations of Integer Matrices as Products of Idempotents and Nilpotents, 120:81
- LAFFY, THOMAS J.: See Beasley, LeRoy B.: 133:175
- LAI, M.X.: See Chen, J.C.: 117:99
- LAIDACKER, MICHAEL: See Poole, George: 111:183
- LANCASTER, P.: See Koltracht, I.: 105:109
- LANCASTER, PETER and YE, QIANG: Inverse Spectral Problems for Linear and Quadratic Matrix Pencils. 107:349
- LANCASTER, PETER: See Koltracht, Israel: 130:193
- LASCOUX, ALAIN: Inversion des Matrices de Hankel, 129:77
- LAUTERBACH, J. and STAHLECKER, P.: Some Properties of $[tr(Q^{2p})]^{\nu_p}$ with Application to Linear Minimax Estimation, 127:301
- LEE, JON: Subspaces with Well-Scaled Frames, 114/115:21
- LEE, SHYH-NAN and SHIH, MAU-HSIANG: A Volume Problem for an n-Dimensional Ellipsoid Intersecting with a Hyperplane, 132:93
- Lei, Li: Convergence of Asynchronous Iteration with Arbitrary Splitting Form, 113:119
- LEITE, F. SILVA: See Albuquerque, H.: 119:51
 LEITE, F. SILVA: Pairs of Generators for
 Compact Real Forms of the Classical Lie
 Algebras, 121:123
- LENFERINK, H.W.J. and SPIJKER, M.N.: A Generalization of the Numerical Range of a Matrix: 140:251
- LEONG, TUCK SANG: A Note on Upper Bounds on the Maximum Modulus of Subdominant Eigenvalues of Nonnegative Matrices. 106:1
- LERER, LEONID: See Berman, Abraham: 120:237
- LEV-ARI, HANOCH: See Bistritz, Yuval: 122/ 123/124:847
- Lewey, Raphael: Dimension of Faces Generated by Certain Positive Linear Operators. 105:199
- Lewin, Mordechai: On Inverse M-Matrices, 118:83
- LEWKOWICZ, IZCHAK: Bounds for the Singular Values of a Matrix with Nonnegative

- Eigenvalues, 112:29
- Lewkowicz, Izchak: Remarks on Equality in Johnson's Lower Bounds for the Smallest Singular Value of a Matrix: 120:39
- Li, C.: See Evans, D.J.: 103:149 Li, C.: See Evans, D.J.: 121:163
- Li, Chi-Kwong, and Tsing, Nam-Kiu: The Numerical Range of Derivations, 119:97
- LI, CHI-KWONG and TSING, NAM-KIU: Duality Between Some Linear Preserver Problems, II. Isometries with Respect to c-Spectral Norms and Matrices with Fixed Singular Values, 110:181
- LI, CHI-KWONG and RODMAN, LEIBA: Some External Problems for Positive Definite Matrices and Operators, 140:139
- Li, CHi-KWONG, TAM, BIT-SHUN, and TSING, NAM-KIU: Linear Operators Preserving the (p,q)-Numerical Range, 110:75
- LI, CHI-KWONG: Matrices with Some Extremal Properties, 101:255
- Li, Ker-Chau: See Cheng, Ching-Shui: 127:503
- LI, REN-CANG: A Converse to the Bauer-Fike Type Theorem, 109:167
- LI, REN-CANG: On the Variation of the Spectra of Matrix Pencils: 139:147
- Li, Wen: On Regular Splittings of an M-Matrix, 113:159
- LI, ZHONGSHAN: The Determinants of GCD Matrices, 134:137
- LIGH, STEVE: See Beslin, Scott: 118:69
- LIN, W.W.: See Dzeng, D.C., 112:169
- LIN, WEN-WEI: The Computation of the Kronecker Canonical Form of an Arbitrary Symmetric Pencil, 103:41
- LINDQVIST, BO HENRY: Asymptotic Properties of Powers of Nonnegative Matrices, with Applications, 114/115:555
- LIU, BOLIAN, MCKAY, BRENDAN D., WOR-MALD, NICHOLAS C., and MIN, ZHANG KE: The Exponent Set of Symmetric Primitive (0,1) Matrices with Zero Trace, 133-121
- LIU, BOLIAN: A Note on the Exponents of Primitive (0,1) Matrices, 140:45
- Liu, Kang-Man: Decomposition of Matrices into Three Involutions, 111:1
- LIVSIC, M.S. and AVISHAI, Y.: A Study of Solitonic Combinations Based on the

- Theory of Commuting Non-Self-Adjoint Operators: 122/123/124:357
- LOEWY, RAPHAEL: Dimension of Faces Generated by Certain Positive Linear Operators, 105:199
- LÓPEZ, M.A.: See Goberna: M.A., 106:77
- LOEWY, RAPHAEL: Linear Transformations Which Preserve or Decrease Rank, 121:151
- LONDON, DAVID: See Friedland, Shmuel: 120:3
- LONGHI, S., PERDON A., and CONTE, G.: Geometric and Algebraic Structure at Infinity of Discrete Time Linear Periodic Systems, 122/123/124:245
- LONGSTAFF, W. E.: On Tridiagonalization of Matrices, 109:153
- LOPEZ-SANCHEZ, J.: See Durand-Alegria, A.I.: 121:385
- LORENZ, JENS: See Franklin, Joel, 114/115:717 LOUNESTO, PERTTI: See Hile, Gerald N.: 128:51
- LOVÁSZ, L., SAKS, M., and SCHRIJVER, A.: Orthogonal Representations and Connectivity of Graphs, 114/115:439
- LOEWY, RAPHAEL: Linear Maps Which Preserve a Balanced Nonsingular Inertia Class, 134:165
- LOEWY, RAPHAEL: On Faces Generated by Certain Positive Linear Transformations: 118:95
- Lu, Tzon-Tzer: See Cheng, Sui-Sun: 129:29 Luesink, Rob and Nijmeijer, Henk: On the Stabilization of Bilinear Systems via Constant Feedback: 122/123/124:457
- LUNDGREN, J. RICHARD: See Hefner, Kim A.S. 133:43
- LUNDQUIST, MICHAEL: See Barrett, Wayne W.: 121:265
- LYPCHUK, TANTA A., SMITH, MALCOLM C., and TANNENBAUM, ALLEN: Weighted Sensitivity Minimization: General Plants in H[®] and Rational Weights, 109:71
- Ma, Chingwo: See Jonckheere, Edmund: 125:65
- Ma, Chingwo: See Jonckheere, Edmond: 122/123/124:565
- MACDOUGALL, J.A.: See Sweet, L.G.: 108:231
 MACLEOD, ALLAN J.: Finite-Dimensional

- Regularization with Nonidentity Smoothing Matrices, 111:191
- MacRae, R.E.: On the Theory of Division Algebras, 119:121
- MACHADO, SILVIA D.A.: See Campos, Tania, M.M.: 136:165
- MADDOCKS, J.H.: Restricted Quadratic Forms, Inertia Theorems, and the Schur Complement. 108:1
- MAITI, SADHAN SAMAR: See Mukherjee, Bishwa Nath: 102:211
- MAJDA, GEORGE: See Wei, Musheng: 136:119
 MAKAI, JR., ENDRE and ZEMÁNEK, JAROSLAV:
 On Polynomial Connections Between Projections, 126:91
- MALABRE, MICHEL: Generalized Linear Systems: Geometric and Structural Approaches, 122/123/124:591
- MALLOI, CRISTIAN and MICALI, ARTIBANO: Sur les Algèbres de Bernstein. II, 117:11
- MANTHEY, W.: See Helmke, U.: 122/123/ 124:331
- MARCHESINI, G.: See Bisiacco, M.: 121:135
- MARCHESINI, GIOVANNI: See Bisiacco, Mauro: 122/123/124:195
- MARCHI, EZIO: See Cohen, Joel E., 114/ 115:169
- MARCUS, MARVIN and SANDY, MARKUS: Symmetry Properties of Higher Numerical Ranges, 104:213
- MARKHAM, THOMAS L.: See Fiedler, M.: 101:1
- MARKHAM, THOMAS, L.: See Fiedler, Miroslav, 105:209
- MARKHAM, THOMAS: See Fiedler, Miroslav: 132:163
- MARKIEWICZ, AUGUSTYN: See Baksalary, Jerry K.: 112:9
- MARTÍNEZ-LEGAZ, JUAN-ENRIQUE and SINGER, IVAN: Lexicographical Order, Lexicographical Index, and Linear Operators, 128:65
- Martínez-Legaz, Juan-Enrique and Singer, Ivan: The Structure of Hemispaces in \mathbb{R}^n , 110:117
- MARTÍNEZ, J.J.: See Gasca, M.: 121:87
- MARTINS, M. MADALENA and KRISHNA, LALA B.: Some New Results on the Convergence of the SSOR and USSOR Methods, 106:185
- MARUŠIČ, D., SCAPELLATO, R., and SALVI, N.

- ZAGAGLIA: A Characterization of Particular Symmetric (0,1) Matrices, 119:153
- MATHEW, THOMAS: See Baksalary, Jerzy K.: 127:393
- MATHIAS, ROY and PANG, JONG-SHI: Error Bounds for the Linear Complementarity Problem with a P-Matrix, 132:123
- MATHIAS, ROY: The Spectral Norm of a Nonnegative Matrix, 139:269
- MAYBEE, JOHN S. and RICHMAN, DANIEL J.: Some Properties of GM-matrices and their Inverses, 107:275
- MAYER, GÜNTER: See Frommer, Andreas: 119:141
- McCullough, Scott: See Agler, Jim: 107:157
- McFarlane, Duncan: See Ober, Raimund: 122/123/124:23
- MCKAY, BRENDAN D.: See Liu, Bolian: 133:121
- MCLAREN, MARA LEE: Asymptotic Results for Decomposing a Likelihood-Ratio Statistic into Separate Components, 127:601
- MEGIDDO, NIMROD: See Hassin, Refael, 114/ 115:589
- MEHRMANN, V.: See Kunkel, P.: 137/138:39
- MEHRMANN, VOLKER and KRAUSE, GERD M.: Linear Transformations Which Leave Controllable Multiinput Descriptor Systems Controllable, 120:47
- MEHRMANN, VOLKER: Existence, Uniqueness, and Stability of Solutions to Singular Linear Quadratic Optimal Control Problems: 121:291
- MENDELSOHN, N.S. and PADMANABHAN, R.: Self-Inscribed Polygons with Vertices on Nonsingular Cubic Curves, 114/115:603
- MERIKOSKI, JORMA KAARLO and VIRTANEN, ARI: Some Notes on de Oliveira's Determinantal Conjecture, 121:345
- MERIKOSKI, JORMA KAARLO: On l_{p_1,p_2} Antinorms of a Nonnegative Matrix: 140:31
- MERTENS, L. and VAN DE VEL, H.: A Special Class of Structured Matrices Constructed with the Kronecker Product and Its Use for Difference Equations, 106:117
- MESHULAM, ROY: On Two Extremal Matrix Problems, 114/115:261
- MEYER, CARL D.: Uncoupling the Perron Eigenvector Problem, 114/115:69

- MIAO, JIAN-MING and ROBINSON, DONALD W.: Group and Moore-Penroe Inverses of Regular Morphisms with Kernel and Cokernel, 110:263
- MICALI, ARTIBANO, CAMPOS, TÂNIA M.M., COSTA E SILVA, MARIA C., and FERREIRA, SILVIA M.M.: Dérivations dans les Algèbres Gamétiques. III, 113:79
- MICALI, ARTIBANO: See Mallol, Cristian: 117:11
- MICCHELLI, CHARLES A. and PRAUTZSCH, HARTMUT: Uniform Refinement of Curves. 114/115:841
- MICHAEL, T.S.: See Brualdi, Richard A.: 114/115:181
- MILLER, D.F.: The Iterative Solution of the Matrix Equation XA+BX+C=0, 105:131
 MIN, ZHANG KE: See Liu, Bolian: 133:121
- MIRANKER, WILLARD L.: See Horiguchi, Susumu: 114/115:641
- MITRA, SUJIT KUMAR: A Pair of Simultaneous Linear Matrix Equations $A_1XB_1=C_1$, $A_2XB_2=C_2$ and a Matrix Programming Problem, 131:107
- MITRA, SUJIT KUMAR: Infimum of a Pair of Matrices, 105:163
- MNEIMNE, R.: Formule de Taylor pour le Déterminant et Deux Applications, 112:39
- MOHAR, B.: See Godsil, C.D.: 107:247
- MOHAR, BOJAN: Isoperimetric Inequalities, Growth and the Spectrum of Graphs, 103:119
- Mok, Kam-Ping: See Wong, Yung-Chow: 139:31
- MORALES, C.H.: See Zhu, J.: 131:71
- MORLEY, T.D.: See Anderson, W.N., Jr.: 134:53
- MORLEY, T.D.: See Butler, C.A.: 106:259
- MORLEY, T.D.: See Green, William L.: 137/ 138:453
- MORRIS, JR., WALTER D.: Counterexamples to Q-Matrix Conjectures, 111:135
- MUHLBACH, G.: On Extending Determinantal Identities, 132:145
- MUKHERJEE, BISHWA NATH and MAITI, SADHAN SAMAR: On Some Properties of Positive Definite Toeplitz Matrices and Their Possible Applications, 102:211
- MULLEN, GARY L. and VAUGHN, THERESA P.:

8

Cycles of Linear Permutations Over a Finite Field, 108:63

MUROTA, KAZOU: Some Recent Results in Combinatorial Approaches to Dynamical Systems, 122/123/124:725

NAGY, B.: See Forster, K.-H.: 120:193

NANDA H. and OLKIN, I.: Matrix Properties of an Interbattery Factor Analytic Model, 127:617

NEUDECKER, H. and WESSELMAN, A.M.: The Asymptotic Variance Matrix of the Sample Correlation Matrix, 127:589

Neudecker, H.: See Browne, M.W.: 103:13 Neumaier, A.: See Brouwer, A.E., 114/ 115:273

Neumaier, A.: Derived Eigenvalues of Symmetric Matrices, with Applications to Distance Geometry: 134:107

NEUMAIER, A.: Graph Representations, Two-Distance Sets, and Equiangular Lines, 114/115:141

NEUMAN, FRANTIŠEK: Finite Sums of Products of Functions in Single Variables, 134:153

NEUMANN, M.: See Elsner, L.: 130:65 NEUMANN, M.; See Hadjidimos, A.: 107:263

NEUMANN, MICHAEL and STERN, RONALD J.:
Discrete Approximations to Reachability
Cones of Linear Differential Systems,
120.65

NEUMANN, MICHAEL: See Bru, Rafael: 103:175 NEUMANN, MICHAEL: See Hartwig, Robert E.: 133:77

NEVANLINNA, OLAVI: See Eirola, Timo: 121:511

NICHOLS, N.K.: See Kautsky J.: 121:9

NIETHAMMER, W.: See Hanke, M.: 130:83 NIEUWENHUIS, J.W.: Modern Linear Systems

Theory, 122/123/124:655
NIIMEHER, HENK: See Luesink, Rob: 122/123.

NIJMEIJER, HENK: See Luesink, Rob: 122/123/ 124:457

NISHI, AKIHIRO: A Generalization of the Binet-Minc Formula for the Evaluation of Permanents, 111:209

NORDSTRÖM, KENNETH and FELLMAN, JOHAN: Characterizations and Dispersion-Matrix Robustness of Efficiently Estimable Parametric Functionals in Linear Models with Nuisance Parameters, 127:341

NORDSTRÖM, KENNETH: See Baksalary, Jerzy

K.: 127:171

NORMAN, C.W.: Resultants and Lyapunov Matrix Equations, 116:109

Nylen, Peter: See Johnson, Charles R.: 128:147

O'LEARY, DIANNE P.: On Bounds for Scaled Projections and Pseudoinverses, 132:115

OBER, RAIMUND and McFarlane, Duncan: Balanced Canonical Forms for Minimal Systems: A Normalized Coprime Factor Approach: 122/123/124:23

OGRYCZAK, WLODZIMIERZ: The Simplex Method is Not Always Well Behaved, 109:41

OLESKY, D.D. and VAN DEN DRIESSCHE, P.: Conference Report, 107:367

OLIVIER, F., RAHMAN, Q.I., and VARGA, R.S.: On a New Proof and Sharpenings of a Result of Fejér on Bounded Partial Sums, 107:293

OLKIN, I.: See Nanda, H.: 127:617

OLSDER, G.J. and Roos, C.: Cramer and Cayley-Hamilton in the Max Algebra, 101:87

OMLANDIČ, MATJAŽ: On Operators Preserving the Numerical Range, 134:31

Ono, Toshiro: See Sugie, Toshiharu: 122/123/ 124:681

OTERO, DANIEL E.: Extraction of mth Roots in Matrix Rings over Fields, 128:1

OVIEDO, JORGE A.: See Cohen, Joel E.: 114/115:169

OWENS, D.H.: See Rogers, E.: 122/123/ 124:779

PADMANABHAN, R.: See Mendelsohn, N.S.: 114/115:603

PAN, C.-T.: A Vector Majorization Method for Solving a Nonlinear Programming Problem: 119:129

PANDOLFI, L.: Controllability Properties of Perturbed Distributed Parameter Systems, 122/123/124:525

PANG, J.S.: See Cottle, R.W.: 114/115:231

PANG, JONG-SHI: See Mathias, Roy: 132:123

PANG, MING-XLAN: On Constructions of Partially Nonpositive Matrices, 112:49

PAPANTONIOU, B.J.: A Characterization of the Symmetric Space SU(n)'SO(n) by Geo-

desic Spheres: 136:133

PAPATHEODOROU, THEODORE S.: See Hadjidimos, Apostolos: 110:285

PARLETT, B.N. and CHEN, H.C.: Use of Indefinite Pencils for Computing Damped Natural Modes, 140:53

Parthasarathy, T. and Ravindran, G.: N-Matrices, 139:89

PASSY, URY: See First, Zvi: 136:235

PATE, THOMAS H.: Generalizing the Inequality $Per(J_2 \otimes M) \ge 2^n [Per(M)]^2$, 109:81

PATE, THOMAS H.: Lower Bounds for Permanents of Gram Matrices Having a Rank One Principal Submatrix, 111:249

PATERA, J. and ZASSENHAUS, H.: The Construction of Solvable Lie Algebras from Equidimensional Nilpotent Algebras, 133:89

PATERA, J. and ZASSENHAUS, H.: On Lie Gradings. I, 112:87

Peled, Uri N. and Srinivasan, Murali K.: The Polytope of Degree Sequences, 114/ 115:349

Perdon, A.: See Longhi, S.: 122/123/124:245
Perdon, Anna-Maria: See Wyman, Bostwick, F.: 122/123/124:123

Peresi, Luiz A.: A Note on Duplication of Algebras, 104:65

Peresi, Luiz A.: On Derivations of Baric Algebras with Prescribed Automorphisms, 104:71

PERLMAN, MICHAEL D.: See Andersson, Steen A.: 110:91

PESOTAN, H.: See Hedayat, A.S.: 136:1

PETZ, DÉNES and ZEMÁNEK, JAROSLAV: Characterzations of the Trace, 111:43

PHILLIPS, DENNIS: Improving Spectral-Variation Bounds with Chebyshev Polynomials, 133:165

PIERCE, STEPHEN: See Grone, Robert: 134:63 PIERCE, STEPHEN: See Grone, Robert: 131:39 PIERCE, STEPHEN: See Johnson, Charles R.:

102:55

PINCUS, ALLAN: See Elsner, Ludwig: 129:103
PLEMMONS, ROBERT J. and WRIGHT, STEPHEN
J.: An Efficient Parallel Scheme for
Minimizing a Sum of Euclidean Norms:
121:71

PLESS, VERA S.: See Brualdi, Richard A.: 107:237

POHLMEYER, K.: Solution of the Constraints for Tensors Generated by Iterated Integrals, 118:11

POLDERMAN, J.W.: Adaptive LQ Control: Conflict Between Identification and Control, 122/123/124:219

POLLINGTON, ANDREW D.: See Barrett, Wayne W., 107:207

POLMAN, BEN: See Eijkhout, Victor: 109:247

POOLE, GEORGE D. and LAIDACKER, MICHAEL: Projectionally Exposed Cones in R³, 111:183

PORDZIK, PAWEL R.: See Baksalary, Jerzy K.: 127:371

PORSCHING, T.A.: See Chou, S.H.: 139:207
POWERS, DAVID L.: Bounds on Graph
Eigenvalues, 117:1

Powers, David L.: Graph Partitioning by Eigenvectors, 101:121

PRÄTZEL-WOLTERS D.: See Hinrichsen, D.: 122/123/124:489

PRASAD, K. MANJUNATHA: See Bapat, R.B.: 140:181

Prautzsch, Hartmut: See Micchelli, Charles A.: 114/115:841 Preface, 120:1

1 REFACE, 120:1

PREFACE, 137/138:3

PRINCE, JERRY L. and WILLSKY, ALAN S.: A Geometric Projection-Space Reconstruction Algorithm, 130:151

PRYCE, J.D.: See Govaerts, W.: 125:141

Przyluski, K.M.: See Kocięcki, M.: 122/123/ 124:115

PTÁK, VLASTIMIL: See Fiedler, Miroslav: 101:187

Pukelsheim, Friedrich: See Baksalary, Jerzy K.: 119:57

Pulleyblank, William R.: See Coullard, Collette R., 114/115:613

PULLMAN, NORMAN J. and STANFORD, MIRIAM: Singular (0,1) Matrices with Constant Row and Column Sums, 106:195

PULLMAN, NORMAN J.: See Beasley, LeRoy B., 101:33

PULLMAN, NORMAN J.: See Beasley, LeRoy B.: 132:137

PUNTANEN, SIMO: See Baksalary, Jerzy K.: 127:363

Puystjens, Roland and Robinson, Donald W.: Symmetric Morphisms and the Existence of Moore-Penrose Inverses, 131:51
PYE, WALLACE C.: See Jeter, Melvyn W.:
111:219

RAGHAVAN, T.E.S.: See Bapat, R.B.: 114/ 115:705

RAHMAN, Q.I., See Olivier, P.: 107:293

RAJAN, ARVIND: See Bixby, Robert E., 114/ 115:277

RAKOWSKI, MAREK: See Ball, Joseph A.: 137/ 138:325

RAN, A.C.M.: See Goldberg, I.: 137/138:387 RAN, ANDRÉ C.M. and RODMAN, LEIBA:

RAN, ANDRÉ C.M. and RODMAN, LEIBA: Stable Invariant Langrangian Subspaces: Factorization of Symmetric Rational Matrix Functions and Other Applications: 137/138:575

RAND, D., WINTERNITZ, P., and ZASSENHAUS, H.: On the Indentification of a Lie Algebra Given by Its Structure Constants. I. Direct Decompositions, Levi Decompositions and Nilradicals, 109:197

RANDALL, J.H. and RAYNER, A.A.: The Accuracy of Least Squares Calculations with the Cholesky Algorithm, 127:463

RANTZER, ANDERS: Equivalence Between Stability of Partial Realizations and Feedback Stabilization--Applications to Reduced Order Stabilization: 122/123/ 124:641

RAO, G. VITHAL: See Rao, M.L. Narayana: 116:81

RAO. I.N.K.: See Scott. A.I.: 127:427

RAO, K.P.S. BHASKARA: See Bapat, R.B.: 140:181

RAO, M.L. NARAYANA, SATYANARAYANA, K., and RAO, G. VITHAL: On a Class of Derived Translation Planes of Square Order, 116:81

RAVINDRAN, G.: See Parthasarathy, T.: 139:89
RAY-CHAUDHURI, D.K. and SINGHI, N.M.:
q-Analogues of t-Designs and Their Existence, 114/115:57

RAYNER, A.A.: See Randall, J.H.: 127:463
REDHEFFER, RAY and REDLINGER, REINHARD:
The Spectral Radious and Liapunov's

Theorem, 128:169

REDHEFFER, RAY and VOLKMANN, PETER: Positive Linear Functionals and the Order Cone, 118:77 REDLINGER, REINHARD: See Redheffer, Ray: 128:169

REFEREES FOR VOLUMES 101-120, 120:273 REICHEL, L: See Gragg, W.B.: 121:53

RENNER, L.: Review of Linear Algebraic Monoids by Mohan S. Putcha, 136:273

RHODIUS, ADOLPH: On Almost Scrambling Stochastic Matrices, 126:79

RICHARDS, DONALD ST. P.: Totally Positive Kernels, Pólya Frequency Functions, and Generalized Hypergeometric Series, 137/138:467

RICHARDS, MARK P.: See Doković, Dragomir Ž, 110:1

RICHMAN, DANIEL J.: See Maybee, John S., 107:23

RICHMAN, FRED: Polynomials and Linear Transformations, 131:131

ROBINSON, DONALD W. and BARRETT, WAYNE W.: The Jordan 1-Structure of a Matrix of Redheffer, 112:57

ROBINSON, DONALD W.: See Puystjens, Roland: 131:51

ROBINSON, DONALD W.: See Miao, Jian-Ming 110:263

ROCH, S. and SILBERMANN, B.: On Algebras with Standard Identities: 137/138:239

ROCHA, P. and WILLEMS, J.C.: State for 2-D Systems, 122/123/124:1003

RODMAN, LEIBA: See Agler, Jim, 107:157

RODMAN, LEIBA: See Ball, Joseph A.: 137/ 138:621

RODMAN, LEIBA: See Li, Chi-Kwong: 140:139 RODMAN, LEIBA: See Ran, André C.M.: 137/ 138:575

RODRIGUEZ, M.A.: See del Olmo, M.A.: 135:79

ROGERS, E. and OWENS, D.H.: Axis Positivity and the Stability of Linear Multipass Processes, 122/123/124:779

ROHN, JIRI: Nonsingularity under Data Rounding, 139:171

ROHN, JIRI: Systems of Linear Interval Equations, 126:39

ROM, WALTER O.: See Hung, Ming S.: 140:163

Romanazzi, Mario: See Giovagnoli, Alessandra: 127:139

ROMANI, FRANCESCO: See Bevilacqua, Roberto, 104:39

- Roos, C.: See Olsder, G.I.: 101:87
- ROSE, NICHOLAS J.: See Hartwig, Robert E.: 133:77
- ROSSITER, J.A.: See Kouvaritakis, B.: 140:217 ROST, KARLA: See Heinig, Georg: 106:39 ROST, KARLA: See Heinig, Georg: 113:65
- ROTH, ROBERT: On the Eigenvectors Belonging to the Minimum Eigenvalue of an Essentially Nonnegative Symmetric Matrix with Bipartite Graph, 118:1
- ROTHBLUM, URIEL C: See Hershkowitz, Daniel: 116:9
- ROTHBLUM, URIEL G. and SCHNEIDER, HANS: Scalings of Matrices Which Have Prespecified Row Sums and Column Sums via Optimization, 114/115:737
- ROTHBLUM, URIEL G.: See Eaves, B. Curtis: 132:1
- ROTHBLUM, URIEL G.: See Hershkowitz, Daniel: 109:59
- ROTHBLUM, URIEL G.: See Eaves, B. Curtis, 114/115:417
- ROTHBLUM, URIEL G.: Generalized Scalings Satisfying Linear Equations, 114/115:765
- ROTHBLUM, URIEL G.: Preface, 114/115:1 ROWLEY, C.A.: See Bailey, R.A.: 127:183
- ROWLINSON, PETER: On the Maximal Index of Graphs with a Prescribed Number of Edges, 110:43
- RUBEL, LEE A.: See Gauchman, Hillel: 125:19 RYAN, JENNIFER: The Constraints of the Group of an Integral Monoid: 139:285
- SAIN, MICHAEL K.: See Wyman, Bostwick, F.: 122/123/124:123
- SAITOH, SABUROU: Quadratic Inequalities Associated with Integrals of Reproducing Kernels, 101:269
- SAKS, M.: See Lovász, L.: 114/115:439
- SALAKHOV, M. KH. and SHCHERBAKOVA, N.K.: A Regularized Algorithm for Local Emission Reconstruction in Spectroscopic Tomography: 130:219
- SALVI, N. ZAGAGLIA: See Marušič, D.: 119:153 SANCHEZ-GIRALDA, T.: See Hermida-Alonso, J.A.: 139:175
- SANDY, MARKUS: See Marcus, Marvin: 104:213
 SANSIGRE, GABRIELA and ALVAREZ, MANUEL:
 On Bezoutian Reduction with the Vandermonde Matrix, 121:401

- SARIDAKIS, YIANNIS G.: See Hadjidimos, Apostolos, 110:285
- SARTORI, G.: See Gatto, R.: 119:87
- SAUBER, BEATRIZ I.: When a Polynomial Has Exactly One Positive Root and No Roots in (-1.0), 128:107
- SAUNDERS, B. DAVID: See Kaltofen, Erich: 136:189
- SCAPELLATO, R.: See Marušič, D., 119:153
- SCHAEFER, MARTIN: See Krafft, Olaf: 127:59
- SCHNEIDER, HANS, See Rothblum, Uriel G.: 114/115:737
- SCHNEIDER, HANS and STUART, JEFFREY: Allowable Spectral Perturbations for ZME-Matrices. 111:63
- SCHNEIDER, HANS: See Hershkowitz, Daniel: 109:59
- SCHNEIDER, HANS: See Hershkowitz, Daniel: 106:5
- Schneider, Michael H.: Matrix, Scaling, Entropy Minimization, and Conjugate Duality. I Existence Conditions, 114/ 115:785
- SCHRECK, H. and TINHOFER, G.: A Note on Certain Subpolytopes of the Asignment Polytope Associated with Circulant Graphs, 111:125
- SCHRIJVER, A.: See Lovász, L.: 114/115:439
- SCHRIJVER, A.: Homotopy and Crossings of Systems of Curves on a Surface, 114/ 115:157
- SCHUMACHER, J.M.: Transformations of Linear Systems Under External Equivalence, 102:1
- SCHWARZ, BINYAMIN and ZAKS, ABRAHAM: Non-Euclidean Motions in Projective Matrix Spaces, 137/138:351
- SCHWARZ, BINYAMIN and ZAKS, ABRAHAM: Generalized Contractions of the Matrix Unit Disk: 120:177
- SCOTT, A.J., RAO, J.N.K. and THOMAS D. ROLAND: Weighted Least-Squared and Quasilikelihood Estimation for Categorical Data under Singular Models: 127:427
- SEARLE, SHAYLE R.: See Henderson, Harold V.: 127:543
- SEIDEL, J.J.: See Delsarte, P.: 114/115:213
- SENETA, E.: Sensitivity to Perturbation of the Stationary Distribution: Some Refinements, 108:121

- SESSA, SALVATORE: See Di Nola, Antonio: 118:155
- SHALOM, T.: See Gohberg, I.: 137/138:249
- SHAMIR, RON: See Alon, Noga: 114/115:669
- SHAMIR, T.: Partial Realization of Symmetric Matrix Rational Functions, 105:139
- SHAO, JIA-YU: See Dong, Wei-Quan, 104:1
- SHAPIRO, A. and BROWNE, M.W.: On the Treatment of Correlation Structures as Co-variance Structures: 127:567
- SHASHA DAFNA and BERMAN, ABRAHAM: More on the Uniqueness of the Lyapunov Scaling Factors, 107:309
- SHASHA, DAFNA and HERSHKOWITZ, DANIEL:
 Maximal Lyapunov Scaling Factors and
 Their Applications in the Study of Lyapunov Diagonal Semistability of Block
 Triangular Matrices, 103:21
- SHASTRI, ADITYA: See Chen, Yong-Chuan: 112:75
- SHCHERBAKOVA, N.: See Salakhov, M.Kh.: 130:219
- SHEARER, JAMES B.: On the Distribution of the Maximum Eigenvalue of Graphs, 114/115:17
- SHIH, MAU-HSIANG: See Lee, Shyh-Nan: 132:93
- SHPECTOROV, S.V.: See Ivanov, A.A., 114/ 115:133
- SIDI, AVRAM: On Extensions of the Power Method for Normal Operators: 120:207
- SIEMONS, JOHANNES: See Camina, Alan: 117:25
- SILBERMANN, B.: See Roch, S.: 137/138:239
 SILVA, F. CONCEIÇÇÃO: Spectrally Complete
- Pairs of Matrices, 108:239
 SHYERMAN, LEONARD M.: See Jonckheere
- SILVERMAN, LEONARD M.: See Jonckheere, Edmond A.: 122/123/124:273
- SINGER, IVAN: See Martinez-Legaz, Juan-Enrique: 128:65
- SINGER, IVAN: See Martinez-Legaz, Juan-Enrique: 110:117
- SINGH, SURJEET: A Note on Linear Recurring Sequences, 104:97
- SINGH, SURJEET: Recurring Sequences over Vector Spaces: 131:93
- SINGHI, N.M.: See Ray-Chaudhuri, D.K., 114/115:57
- SIVAKUMAR, N.: See Jia, R.Q.: 135:19
- SMITH, DIGBY: See Koltracht, Israel: 130:193

- SMITH, MALCOLM C.: See Lypchuk, Tanya A.: 109-71
- SMITH, RONALD L.: Bounds on the Spectrum of Nonnegative Matrices and Certain Z-Matrices: 129:13
- SMITH, RONALD L.: Some Notes on Z-Matrices. 106:219
- SNYDER, LARRY: See Gunawardena, Ananda: 120:181
- SOH, C.B.: Schur Stability of Convex Combination of Matrices, 128:159
- SONG, SEOK-ZUN: Minimum Permanents on Certain Faces of Matrices Containing an Identity Submatrix, 108:263
- SONTAG, EDUARDO D. and WANG, YUAN: Pole Shifting for Families of Linear Systems Depending on at Most Three Parameters, 137/138:3
- SPEED, T.P.: See de Hoog, F.R.: 127:449
- SPIJKER, M.N.: See Lenferink, H.W.J.: 140:251
 - Srinivasan, Murali: See Peled, Uri N.: 114/115:349
 - SRIVASTAVA, J.N. and THROOP, DIANE: Orthogonal Arrays Obtainable as Solutions to Linear Equations over Finite Fields: 127:283
 - STAHLECKER, P. and TRENKLER, G.: Full and Partial Minimax Estimation in Regression Analysis with Additional Linear Constraints, 111:279
 - STAHLECKER, P.: See Lauterbach, J.: 127:301 STANFORD, D.P.: See Barker, G.P.: 110:55
 - STANFORD, MIRIAM: See Pullman, Norman J.: 106:195
 - STEERNEMAN, A.G.M.: G-Majorization, Group Induced Cone Orderings, and Reflection Groups: 127:107
 - STEIDL, GABRIELE: Generalization of the Algebraic Discrete Fourier Transform with Application to Fast Convolutions, 139:181
 - STERN, RONALD J.: See Neumann, Michael: 120:65
 - STEWART, G.W.: On Scaled Projections and Pseudoinverses, 112:189
 - STUART, JEFFREY L.: The Solutions to an Infinite Family of Matrix Inequalities Involving ZME-matrices, 108:141
 - STUART, JEFFREY: See Schneider, Hans,

STURMFELS, BERND: Totally Positive Matrices and Cyclic Polytopes, 107:331

STURMFELS, BERND: Tridiagonalization of Complex Matrices and a Problem of Longstaff, 109:165

STYAN, GEORGE P.H.: See Baksalary, Jerzy K.: 127:171

STYAN, GEORGE, P.H.: See Baksalary, Jerzy K.: 119:57

SUGIE, TOSHIHARU and ONO, TOSHIRO: On Doubly Coprime Factorizations, 122/123/ 124:681

SUCIMOTO, KENJI and YAMAMOTO, YUTAKA: On Successive Pole Assignment by Linear-Quadratic Optimal Feedbacks, 122/123/ 124:697

SUMMERS, TRACY A.: See Johnson, Charles R.: 126:1

Sun, JI-GUANG: Multiple Eigenvalue Sensitivity Analysis, 137/138:183

Sun, JI-GUANG: Relative Eigenvalues of a Definite Matrix Pair, 139:253

SUNG, CHEN-HAN and TAM, BIT-SHUN: A Study of Projectionally Exposed Cones, 139:225

Sung, Hak-kyung: See Hara, Shinji: 122/123/ 124:889

SWEET, L.G. and MACDOUGALL, J.A.: On Automorphisms of Order Three of Division Algebras, 108:231

SZULC, TOMASZ: A Contribution to the Theory of M-Matrices, 126:87

SZULC, TOMASZ: A Contribution to the Theory of P-Matrices: 139:217

SZULC, TOMASZ: A Criterion for the Nonsingularity of Matrices, 136:209

SZULC, TOMASZ: A Lower Bound for the Perron Root of a Nonnegative Matrix, 101:181

SZULC, TOMASZ: A Lower Bound for the Perron Root of a A Nonnegative Matrix. II. 112:19

ŠILJAK, D.D.: See Kaszkurewicz, E.: 131:139 ŠKARABOT, JURE: The Extremal Case of a Matrix Inequality, 134:120

TAM, BIT-SHUN and WU, SHIOW-FANG: On the Collatz-Wielandt Sets Associated with a Cone-Preserving Map, 125:77 TAM, Bit-Shun: See Sung, Chen-Han: 139:225

TAM, BIT-SHUN: See Li, Chi-Kwong: 110:75
 TAM, BIT-SHUN: On the Distinguished Eigenvalues of a Cone-Preserving Map, 131:17

TANNENBAUM, ALLEN: See Foias, Ciprian: 122/123/124:145

TANNENBAUM, ALLEN: See Fotas, Ciprian: 137/138:213

TANNENBAUM, ALLEN: See Lypchuk, Tanya A., 109:71

TARAZAGA, PABLO: Eigenvalue Estimates for Symmetric Matrices: 135:171

TARDOS, ÉVA: See Frank, András: 114/115:329
TCHON, KRZYSZTOF: On Structural Instability
of Normal Forms of Affine Control Systems Subject to Static State Feedback:
121:95

TEBOULLE, MARC: See Ben-Tal, Aharon: 139:165

TEN BERGE, Jos M.F.: See Kier, Henk A.L.: 126:125

TEUMER, GUNTER: See Blokhuis, Aart: 117:7
THAS, J.A.: Interesting Pointsets in Generalized Quadrangles and Partial Geometries, 114/115:103

THOMAS, D. ROLAND: See Scott, A.J.: 127:427
THOMASSEN, CARSTEN: When the Sign Pattern
of a Square Matrix Determines Uniquely
the Sign Pattern of Its Inverse. 119:27

THOMPSON, ROBERT C.: Convergence Proof for Goldberg's Exponential Series, 121:3

THOMPSON, ROBERT C.: Cyclic Shifts and an Exponential Formula, 120:9

THOMPSON, ROBERT C.: Special Cases of a Matrix Exponential Formula, 107:339

Throop, Diane: See Srivastava, J.N.: 127:283 Tiberio, U.: See Franchetti, C.: 109:179

TINHOFER, G.: See Schreck, H.: 111:125 TRAPP, G.E.: See Anderson, W.N., Jr.: 134:53 TRAPP, GEORGE E.: See Anderson, Jr., Wil-

liam N.: 106:209
TRENCH, WILLIAM F.: A Note on a Toeplitz
Inversion Formula, 129:55

TRENKLER, g.: See Stahlecker, P.: 111:279

TRENTELMAN, H.L. and VAN DER WOUDE, J.W.: Almost Invariance and Noninteracting Control: A Frequency-Domain Analysis, 101:221 TRUEMPER, K.: See Grotschel, M., 114/ 115:523

TRUSTRUM, G.B.: See Bushell, P.J.: 132:173

TSAKLIDIS, G. and VASSILIOU, P.-C. G.: Infinite Products of Matrices with Some Negative Elements and Row Sums Equal to One. 127:41

TSING, NAM-KIU: See Li, Chi-Kwong: 110:75 TSING, NAM-KIU: See Li, Chi-Kwong: 119:97

Underwood, E.E., See Beasley, LeRoy, 104:117

Väliaho, H.: Almost Copositive Matrices, 116:121

Väliaho, H.: Determining the Inertia of a Matrix Pencil as a Function of the Parameter, 106:245

Väliaho, H.: Testing the Definiteness of Matrices on Polyhedral Cones, 101:135

VÄLIAHO, H: Quadratic-Programming Criteria for Copositive Matrices, 119:163

VALENZUELA, OSCAR ADOLFO SÁNCHEZ: Matrix Computations in Linear Superalgebra, 111:151

VAN DE VEL, H.: See Mertens. L.: 106:117

VAN DEN DRIESSCHE, P.: See Jeffries, Clark: 101:109

VAN DEN DRIESSCHE, P.: See Olesky, D.D.: 107:367

VAN DER SLUIS A., and VAN DER VORST, H.A.: SIRT-and CG-Type Methods for the Iterative Solution of Sparse Linear Least-Squares Problems, 130:257

VAN DER WOUDE IW: See Trentelman

VAN DER WOUDE, J.W.: See Trentelman, H.L.: 101:221

VAN BAREL, M. and BULTHEEL, A.: An Algebraic Method to Solve the Minimal Partial Realization Problem for Scalar Sequences. 104:237

VAN BAREL, MARC and BULTHEEL, ADHEMAR: A Canonical Matrix Continued Fraction Solution of the Minimal (Partial) Realization Problem: 122/123/124:973

VAN DOOREN, P.: See Beelen, Th.: 105:9

VAN DOOREN, P.: Rational and Polynomial Matrix Factorizations via Recursive Pole-Zero Cancellation: 137/138:663 VARGA, R.S.: See Olivier, P.: 107:293

Vassiliou, P.-C. G.: See Tsaklidis, G.: 127:41 Vaughn, Theresa P.: See Mullen, Cary L: 108:63

VAVŘÍN, ZDENĚK: Remarks on Complexity of Polynomial and Special Matrix Computations, 122/123/124:539

VEINOTT, JR., ARTHUR F.: Representation of General and Polyhedral Subsemilattices and Sublattices of Product Spaces, 114/ 115:681

VEINOTT, JR., ARTHUR F.: Conjugate Duality for Convex Programs: A Geometric Development, 114/115:663

VENKATESWARAN, V.: See Cottle, R.W.: 114/ 115:231

VERE-JONES, D.: A Generalization of Permanents and Determinants, 111:119

VERGHESE, G.C.: See Karl, W.C.: 130:231 VERHEES, JAAP: See Wansbeek, Tom: 127:631

VINNIKOV, VICTOR: Complete Description of Determinantal Representations of Smooth Irreducible Curves. 125:103

VINNIKOV, VICTOR: Elementary Transformations of Determinantal Representations of Algebraic Curves, 135:1

VIRTANEN, ARI: See Merikoski, Jorma Kaarlo: 121:345

VITÓRIA, J.: See Bru, R.: 121:171

VOLKMANN, PETER: See Redheffer, Ray: 118:77

VON MATT, URS: See Gander, Walter: 114/115:

VON ROSEN, DIETRICH: A Matrix Formula for Testing Linear Hypotheses in Linear Models, 127:457

WAGOWSKI, MARC: The Tutte Group of a Weakly Orientable Matroid, 117:21

WAKSMAN, Z.: See Kravitsky, N: 122/123/ 124:3

Wang, Guo-Rong: A Cramer Rule for Finding the Solution of a Class of Singular Equations, 116:27

Wang, Lingun: See Deistler, M.: 122/123/ 124:921

WANG, QING: See Hu, Hui: 114/115:429

WANG, YUAN: See Sontag, Eduardo: 137/138:3
WANSBEEK, TOM and VERHEES, JAAP: The
Algebra of Multimode Factor Analysis,

- WARREN, RICHARD H.: Classes of Matrices for the Traveling Salesman Problem, 139:53
- WATERHOUSE, WILLIAM C.: Inner Product Identities on the Unit Circle, 108:127
- WATERHOUSE, WILLIAM C.: The Absolute-Value Estimate for Symmetric Multilinear Forms, 128:97
- WATERHOUSE, WILLIAM C.: The Map Behind a Binomial Coefficient Matrix Over Z/pz, 105:195
- WATKINS, D.S. and ELSNER, L.: Self-Similar Flows, 110:213
- WATKINS, D.S. and ELSNER, L.: Self-Equivalent Flows Associated with the Generalized Eigenvalue Problem, 118:107
- WATKINS, WILLIAM: See Grone, Robert: 134:63
- WATKINS, WILLIAM: A Determinantal Inequality for Correlation Matrices, 104:59
- WEAVER, JAMES R.: Real Eigenvalues of Nonnegative Matrices Which Commute with a Symmetric Matrix Involution, 110:243
- WEI, MUSHENG and MAJDA, GEORGE: A New Theoretical Approach for Prony's Method. 136:119
- WEI, MUSHENG: On the Error Estimate for the Projection of a Point onto a Linear Manifold, 133:53
- WEI, MUSHENG: The Perturbation of Consistent Least Squares Problems, 112:231
- WEI, WANDI: See Yang, Benfu: 134:1
- WEICHSEL, PAUL M.: Distance-Regular Graphs in Block Form, 126:135
- WELLS, JIM: See Hayden, T.L.: 109:115 WERMUTH, EDGAR M.E.: Two Remarks on
- Matrix Exponentials, 117:127
 WERNER, HANS JOACHIM: On Inequality Con-
- strained Generalized Least-Squares Estimation, 127:379
- WERNER, HANS JOACHIM: A Closed Form Formula for the Intersection of Two Complex Matrices under the Star Order, 140:13
- WESSELMAN, A.M.: See Neudecker, H.: 127:589
- WIENS, DOUGLAS P.: Robust Minimax Designs for Multiple Linear Regression, 127:327

- WILLEMS, J.C.: See Antoulas, A.C.: 137/
- 138:511 WILLEMS, J.C.: See Rocha, P.: 122/123/ 124:1003
- WILLEMS, JAN C.: See Fuhrmann, Paul A.: 122/123/124:1
- WILLIAMS, E.R.: See de Hoog, F.R.: 127:449
 WILLSKY, ALAN S.: See Prince, Jerry L.:
- WILLSKY, ALAN S.: See Prince, Jerry L. 130:151
- WILSON, D.R.: See Karcanias, N.: 121:455
- WIMMER, HARALD K.: Bezoutians of Polynomial Matrices and Their Generalized Inverses, 122/123/124:475
- WIMMER, HARALD K.: Generalized Bezoutians and Block Hankel Matrices, 117:105
- WIMMER, HARALD K.: Linear Matrix Equations: The Module Theoretic Approach, 120:149
- WIMMER, HARALD K.: On the History of the Bezoutian and the Resultant Matrix, 128:27
- WIMMER, HARALD K.: Root Vectors and Jordan Chains of Integer Matrices, 112:161
- WIMMER, HARALD K.: The Matrix Equation X-AXB=C and an Analogue of Roth's Theorem, 109:145
- WINTERNITZ, P.: See del Olmo, M.A.: 135:79 WINTERNITZ, P.: See Rand, D.: 109:197
- WOERDEMAN, H.J.: Minimal Rank Completions for Block Matrices. 121:105
- WOERDEMAN, H.J.: Strictly Contractive and Positive Completions for Block Matrices, 136.63
- Wolsson, K.: Linear Dependence of a Function Set of m Variables with Vanishing Generalized Wronskians, 117:73
- WOLSSON, KENNETH: A Condition Equivalent to Linear Dependence for Functions with Vanishing Wronskian, 116:1
- WONG, CHI SONG: Extensions of $tr[(A^{-1}B^{-1})(A-B)] \le 0$ for Covariance Matrices A. B: 127:517
- WONG, YUNG-CHOW and MOK, KAM-PING: Normally Related n-Planes and Isoclinic n-Planes in R²ⁿ and Strongly Linearly Independent Matrices of Order n, 139:31
- WORMALD, NICHOLAS C.: See Liu, Bolian:

WRIGHT, STEPHEN J.: See Plemmons, Robert: 121:71

Wu, Pei Yuan: See Choi, Man-Duen: 136:25Wu, Pei Yuan: Products of Positive Semide-finite Matrices, 111:53

Wu, PEI YUAN: The Operator Factorization Problems, 117:35

Wu, Shiow-Fang: See Tam, Bit-Shun: 125:77 Wu, Shu-Hei: See Cheng, Sui-Sun: 129:29

WYMAN, BOSTWICK, F., SAIN, MICHAEL K., CONTE, GIUSEPPE, and PERDON, ANNA-MARIA: On the Zeros and Poles of a Transfer Function: 122/123/124:123

YAMAMOTO, YUTAKA: See Sugimoto, Kenji: 122/123/124:697

YANG, BENFU and WEI, WANDI: Finite Orthogonal Geometries with Characteristic ≠2 and PBIB Designs. I, 134:1

YE, QIANG: See Lancaster, Peter: 107:349

YONGLIN, CHEN and BINGJUN, ZHOU: On g-Inverses and the Nonsingularity of a Bordered Matrix (AB): 133:133

YONGLIN, CHEN: The Generalized Bott-Duffin Inverse and its Applications, 134:71

YUAN, HONG: A Bound on the Spectral Radius of Graphs, 108:135

YUAN, HONG: Sharp Lower Bounds on the Eigenvalues of Trees, 113:101

Zaballa, Ion: See Beitia, M^A Asunción: 121:423

ZABALLA, ION: See Gracia, Juan M.: 121:353

ZABALLA, ION: Interlacing and Majorization in
Invariant Factor Assignment Problems,

121:409

ZABALLA, ION: Interlacing Inequalities and Control Theory, 101:9

Zaks, Abraham: See Schwarz, Binyamin: 137/138:351

ZAKS, ABRAHAM: See Schwarz, Binyamin: 120:177

ZASENHAUS, H.: See Patera, J.: 112:87

ZASSENHAUS, H.: See del Olmo, M.A.: 135:79 ZASSENHAUS, H.: See Patera, J.: 133:89

ZASSENHAUS, H.: See Rand, D.: 109:197

ZEMÁNEK, JAROSLAV: See Aupetit, Bernard: 132:119

ZEMÁNEK, JAROSLAV: See Makai, Jr., Endre: 126:91

ZEMÁNEK, JAROSLAV: See Petz, Dénes: 111:43 ZHANG, GUODONG: On the Convergence Rate of the QL Algorithm with Wilkinson's Shift. 113:131

ZHONG, XU: On Inverses and Generalized Inverses of Hessenberg Matrices, 101:167

ZHU, J. and MORALES, C.H.: Spatial Decomposition of Functionally Commutative Matrices, 131:71

ZIETAK, K.: On the Characterization of the Extremal Points of the Unit Sphere of Matrices, 106:57

ZIELKE, GERHARD: Some Remarks on Matrix Norms, Condition Numbers, and Error Estimates for Linear Equations, 110:29

GADER, PAUL D.: Tridiagonal Factorizations of Fourier Matrices and Applications to Parallel Computations of Discrete Fourier Transforms, 102:169



